

2012-2013

RC

Curriculum Planning Guide

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MISSION STATEMENT

The Raymond Central community is committed to providing a positive, challenging learning environment which prepares each individual to be a responsible citizen in an ever-changing society.

RAYMOND CENTRAL VALUES

- We will provide a quality education as the cooperative responsibility of students, staff, parents, and community.
- We will provide a safe learning environment where all individuals are treated with dignity and respect.
- We will encourage life-long learning and responsible citizenship.
- We will empower students to be problem solvers and independent learners.
- We will provide each student with the opportunity to learn and achieve success.
- We will meet the needs of individual students through a variety of approaches to learning.
- We will use available time and resources to stay on top of current educational practices.
- We will continuously evaluate, update and asses our districts goals.

GRADUATION REQUIREMENTS

The following requirements for graduation have been established by the Raymond Central Board of Education effective with the class of 2005. 230 credits must be taken and passed.

| | |
|---|--|
| English | 40 credits |
| Speech/Personal Communications | 5 credits |
| Math | 30 credits |
| Science | 20 credits. 30 credits for a student graduating 2015 and beyond. |
| **All students must take and pass Physical Science AND Biology or Life Science | |
| Social Studies | 40 credits + 5 credits Economics |
| <p style="text-align: center;">*10 credits in Geography (9th grade) *10 credits in World History (10th grade) *10 credits in American History (11th grade) *10 credits in American Government (12th grade) *5 credits in Economics (12th grade)</p> | |
| Physical Education | 5 credits |
| Health | 5 credits |
| Vocational* | 10 credits |
| <p style="text-align: center;">*5 credits must be in Family and Consumer Science *5 credits must be in Business</p> | |
| Fine Arts** | 10 credits |
| <p style="text-align: center;">**Choose from Art, Drama, Foreign Language, Yearbook, Leadership, Music or Speech (in addition to 5 required credits in Speech)</p> | |
| Choice | 10 credits |
| <p style="text-align: center;">**10 credits from Vocational or Fine Arts</p> | |
| Electives | 50 credits. 40 credits for a student graduating 2015 and beyond. |

It should be noted that the credit totals are minimum standards required for graduation. The majority of students will far exceed these minimums; and students should base course decisions on meeting individual goals rather than meeting the minimum standard.

REGISTRATION AND SCHEDULING

All students will register for courses during the spring of each year. The master schedule is built on the basis of student registration requests, teachers, and administration input. Budgets are developed and books are ordered on the basis of the master schedule and student numbers. Therefore, changing of individual schedules becomes a hardship on the student, teachers and administration.

Students may drop year long courses if they have failed the first semester, if it is the teacher's recommendation or there has been a clear change in career goals that render the year long course unnecessary.

PLANNING INFORMATION FOR STUDENTS

It is extremely important to plan ahead since many courses throughout the high school years have specific sequence. This must be considered in your planning. For instance, a student wanting to study Chemistry must first satisfactorily complete Algebra I and enrolled in an Advanced Math class. Satisfactory completion in a course usually means that your grade in the previous course was at least a "B" in order to have the necessary background for success in the next course.

We suggest the following steps:

1. Decide if you are preparing for college, technical school, trade school, or work after graduation.
2. Consult your teachers and teacher-advisor about appropriate courses.
3. Use the Curriculum Guide at home to provide for planning involving your parents.
4. Visit with a counselor about your achievement test scores and prepare a preliminary four year program of study using the Worksheet included with this handbook.

DEFINITION OF TERMS

Curriculum: A course of study designed to fill the needs of the student.

Elective Subjects: Courses that may be selected as options but are not required for graduation.

Credits: Value placed on a course. A course that meets five times per week, for 18 weeks, provides five credits each semester.

Prerequisite: A previous or preliminary condition or course required before taking the next course. Example: You must take Algebra I before Geometry.

College Preparatory Courses (CP): ACT has identified a curriculum which contributes to improved success for students pursuing a four year degree. Listed below is the college core curriculum recommended by ACT:

| | |
|-----------------|---|
| English | Four years of English |
| Mathematics | Three years of mathematics, including rigorous courses in Beginning Algebra, Geometry, and Advanced Algebra. Beginning Algebra is required for graduation for students graduating 2014 and beyond. |
| Social Studies | Four years of Social Studies. Includes Geography, World History, American History, American Government. |
| Natural Science | Three years of science, including rigorous courses in Biology, Chemistry, and Physics |

PLANNING WORKSHEET

In the grid below, complete your schedule for the appropriate grade next school year. Please note that the semesters are only given as a guide so that students will complete either a class or study hall for each of the grids. Students are only allowed one study hall per semester. If a student must repeat a semester of a year-long class, please indicate the proper semester it should be repeated.

| 9th Grade | | | |
|-----------------------------|----------|-------------------------|----------|
| Semester 1 | | Semester 2 | |
| English 9 | X | English 9 | X |
| Geography | X | Geography | X |
| PE 9 or Health 9 | X | PE 9 or Health 9 | X |
| Physical Science | X | Physical Science | X |
| Math | | Math | |
| Vocational | | Vocational | |
| Choice | | Choice | |
| Fine Arts | | Fine Arts | |
| Electives | | Electives | |
| | | | |
| | | | |
| | | | |

| 10th Grade | | | |
|--------------------------------|----------|--------------------------------|----------|
| Semester 1 | | Semester 2 | |
| English 10 | X | English 10 | X |
| Math | | Math | |
| Personal Comm | | Personal Comm | |
| World History | X | World History | X |
| Life Science OR Biology | | Life Science OR Biology | |
| Vocational | | Vocational | |
| Choice | | Choice | |
| Fine Arts | | Fine Arts | |
| Electives | | Electives | |
| | | | |
| | | | |
| Other | | Other | |
| | | | |

| 11th Grade | | | |
|----------------------------------|----------|----------------------------------|----------|
| Semester 1 | | Semester 2 | |
| English 11 | X | English 11 | X |
| Math | | Math | |
| American History | X | American History | X |
| Biology or Science Choice | | Biology or Science Choice | |
| Vocational | | Vocational | |
| Choice | | Choice | |
| Fine Arts | | Fine Arts | |
| Electives | | Electives | |
| | | | |
| | | | |
| | | | |
| Other | | Other | |

| 12th Grade | | | |
|----------------------------------|----------|----------------------------------|----------|
| Semester 1 | | Semester 2 | |
| English 12 | X | English 12 | X |
| CP Math | | CP Math | |
| American Government | X | American Government | X |
| Adult Living or Economics | | Economics or Adult Living | |
| Vocational | | Vocational | |
| Choice | | Choice | |
| Fine Arts | | Fine Arts | |
| Electives | | Electives | |
| | | | |
| | | | |
| | | | |
| Other | | Other | |

COURSE PLANNING GUIDE

This chart is designed to assist students in matching their interests to potential careers. Suggested RCHS courses and activities are listed to encourage students to explore their areas of interest.

| CAREER TYPE | INTERESTS | SKILLS | POTENTIAL JOBS | SUGGESTED COURSES | GETTING INVOLVED |
|---------------|--|--|---|--|---|
| THINGS | <ul style="list-style-type: none"> machines building repairing tools outdoors hands-on activities | <ul style="list-style-type: none"> mechanical ingenuity dexterity physical coordination | athletic trainer, carpenter, emergency medical technician, gardener, mechanic, military, police officer | Horticulture, Adv. Earth Science, Mechanical Drafting, Woods, Small Engines, Real World, Textiles, Clothing, and Design, Housing and Interior Design, Foods I&II, Culinary Arts, Cisco, Career Prep Intern | FFA, FBLA, Cheerleading, Sports, Skills USA, Speech |
| IDEAS | <ul style="list-style-type: none"> science theories ideas research data self-expression art appreciation cooking | <ul style="list-style-type: none"> math writing analysis abstract thought creativity musical talent artistic expression | biologist, chiropractor, computer programmer, dietitian, medical technician, meteorologist, pharmacist, physician, psychologist actor, advertising, architect, artist, broadcaster, columnist, composer, fashion designer, interior designer, photographer, public relations director, translator | Journalism, Calculus, Psychology, Sociology, Physiology, Yearbook, Any art class, Band/Vocal, Drama, Competitive Speech, Textiles, Clothing and Design, Housing and Interior Design, Foods I&II | Yearbook staff, One-Act Plays, Spanish Club, Art Club, DI, Speech, Spring Play |
| PEOPLE | <ul style="list-style-type: none"> people team work human welfare community service | <ul style="list-style-type: none"> people skills verbal ability listening showing understanding | child care provider, teacher, counselor, minister, nurse, occupational therapist, social worker, speech pathologist | Psychology, Sociology | FFA, Student Council, FBLA, Sports, cheerleading, Skills USA, Mock Trial |
| DATA | <ul style="list-style-type: none"> business politics leadership influence organization data finance | <ul style="list-style-type: none"> verbal ability ability to motivate and manage others math data analysis record keeping attention to detail | buyer, elected public official, florist, hair stylist, realtor marketing executive, store manager, travel agent, accountant, banker, bank teller cashier, court clerk, credit manager, editor, financial analyst, paralegal, secretary | Marketing, Economics, Business Management, American Government, CIT, AIT, Accounting, Personal/Business Law, Statistics, Career Prep Internship | FFA, Student Council, FBLA, Student manager, Prevention Coalition, Skills USA, Mock Trial, DI |

RCHS DUAL CREDIT COURSES

Students can choose to receive college credit while taking courses currently taught by RCHS faculty.

Dual Credit: Students pay their own tuition to the respective school. Students are informed at the beginning of each semester how to register for dual credit. **The student must meet academic criteria established by the college in order to take a class for dual credit.** Not all sections of the same course are available for dual credit.

Dual Credit Options Available at RCHS

- English Composition
- English Literature
- Accounting I
- Algebra

Southeast Community College Career Academy

Career Academy is designed to provide high school juniors and seniors with opportunities to explore various career fields and get a jumpstart on their post-secondary education. Students attend classes at RCHS in the morning and at Career Academy in the afternoon. Students must go through an application process and have transportation to the academy site. These are dual credit classes. Students receive high school credits for Career Academy but they must be in good credit standing to apply.

Southeast Community College Online Classes

Southeast Community College is offering a limited number of online courses that are available on the same semester schedule as most high schools, instead of the normal SCC 10 week quarter schedule. These classes are only available to high school students and the fall classes will begin in August and end December per the SCC school calendar. Students will receive college credit only for the SCC online classes.

Space is limited for each course due to instructor workload and registrations will be accepted on a first come first served basis. Students will be mailed tuition statements and payment is due before class starts. Textbooks are an additional cost and may be ordered online at www.sccbookstore.com. Courses are available and each one is 4.5 quarter credits.

BYU High School & College Online Classes

Brigham Young University offers a number of online courses. These courses can be taken on the high school level or university level. Visit <http://ce.byu.edu/is/site/> for more information on the classes that are offered.

UNL Advanced Scholars Online Classes

Raymond Central offers a variety of online college courses to high school students by partnering with the University of Nebraska–Lincoln Advanced Scholars program. Students get a university experience, preparing them for the transition from high school to college.

- Advanced Scholars courses meet UNL general education requirements.
- UNL faculty teach Advanced Scholars courses. High schools do not provide teachers.
- Courses are actual college courses students normally take as college freshmen. Students experience college-level coursework and interact with college professors and students.
- There's no one-time exam that determines how many credit hours students earn. The course, number of credit hours and course grade appear on the student's college transcript.
- Credit hours can transfer to other institutions.
- Advanced Scholars staff communicates with high school administrators about students' progress.

Visit <http://advancedscholars.unl.edu/Course-Delivery/Course-List.aspx> for a complete listing of courses offered.

Agriculture

Leadership

Course Length: 1 semester
Grade Level: 9-10
Prerequisite: For 9-10 who want to take future AG courses.
Course Credit: 5 credits

Description: This class is designed as an introduction to agriculture. Major units include agriculture careers, agriculture issues, parliamentary procedure, SAE record keeping, and livestock judging. **Fall semester.**

Agricultural Business Management

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: This class is designed to help students improve their agribusiness management skills. The major units are sales, marketing, finance, record keeping and economics. **Spring semester.**

Animal Science

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: This course focuses on issues in the livestock industry, animal care, and animal careers. Specific units include selection, issues, nutrition and meats. **Fall semester.**

Advanced Animal Science

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: This course focuses on advanced principles of the livestock industry, animal care, and animal careers. Specific units include species research, diseases,

genetics/breeding systems, physiology, and management decisions. **Spring semester.**

Horticulture

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: Leadership
Course Credit: 5 credits

Description: This course focuses on the culture of indoor and outdoor plants. Students will learn about plant growth, nutrients, gardening, soil, plant identification, landscape design and floral design. **Spring semester.**

Natural Resources

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: This course provides students the opportunity to increase awareness of the environment. Students learn the principles and processes involved in conserving and/or improving natural resources such as soil, air, water, forestry and energy. **Fall semester.**

Welding

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: None
Course Credit: 10 credits

Description: This course is an introduction to the study of metals and explores welding careers. Students will complete a series of practice welds and construct projects.

Advanced Welding

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Welding (2 semesters)
Course Credit: 10 credits

Description: This course provides an in-depth study of metals and the fabrication of approved projects.

Wildlife Management

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: This course emphasizes the management of fish and wildlife; including outdoor recreation. Specific units include identification, habitat, issues, hunting and fishing. **Fall semester.**

Advanced Wildlife Management

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Wildlife Management
Course Credit: 5 credits

Description: This is the study of advanced fish and wildlife management techniques. Specific units include careers, fly fishing, archery, trapping, boating, endangered species research and habitat projects. **Spring semester.**

Agricultural Mechanics – Small Engines

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: This course provides experience in the operation, maintenance, repair, and use of small engines. Major units of study include theory, mechanical skills and troubleshooting engines. **Spring Semester.**

Agricultural Mechanics – Electricity

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: Leadership
Course Credit: 5 credits

Description: This course provides experience in the operation, design, construction and use of electrical circuits. Major units of study include electric theory, wiring skills, and troubleshooting circuits. **Fall Semester.**

Art

Beginning Art

Course Length: 2 semesters
Grade Level: 9-12, \$10 fee
Prerequisite: None
Course Credit: 10 credits

Description: In this beginning art class, the student will explore making art, study art history, interpret art and learn to appreciate art. They will have an opportunity to work in a variety of media. First semester will focus on 2D and 3D design, drawing and some work in painting. Second semester will focus on perspective, portrait and still life drawing, realistic painting, printmaking, and some work in sculpture and/or crafts.

Advanced Art

Course Length: 2 semesters
Grade Level: 10-12, \$10 fee for supplies
Prerequisite: Beginning Art
Course Credit: 5 credits each; Can be taken for six (6) semesters

Description: In this advanced art class, the student uses techniques learned in beginning art to work more in-depth with realistic and abstract art projects, including two self-portraits each semester. They will have an opportunity to focus on studio production while advancing their level of mastery and developing an individualistic style. This class gives the student an opportunity to develop a strong portfolio to show at college.

Ceramics 1

Course Length: 1 semester
Grade Level: 9-12, \$20 fee for clay and glazes
Prerequisite: None
Course Credit: 5 credits

Description: In this introductory class, the student will concentrate on the basics of hand building, decorating, and glazing techniques using low-fire clay. They will work on several projects and will also be exposed to the basics of loading, firing, and unloading the kiln.

Ceramics 2

Course Length: 1 semester
Grade Level: 9-12, \$20 fee for clay and glazes

Prerequisite: Ceramics 1
Course Credit: 5 credits

Description: In this intermediate ceramics class, the student focuses on the fundamentals of working on the potter's wheel, combining the hand building with the wheel-throwing techniques and creating projects based on historical cultures.

Ceramics 3

Course Length: 1 semester
Grade Level: 10-12, \$20 fee for clay and glazes
Prerequisite: Ceramics 1, 2
Course Credit: 5 credits

Description: In this advanced ceramics class, the student uses their knowledge to complete a list of six requirements, each project receiving a total of three grades. The functional and nonfunctional requirements will challenge the imagination and skill level in hand building and wheel throwing.

Ceramics 4

Course Length: 1 semester
Grade Level: 10-12, \$20 fee for clay and glazes
Prerequisite: Ceramics 1, 2, 3
Course Credit: 5 credits

Description: In this advanced ceramics class, the student uses their knowledge to complete a list of six requirements, each project receiving a total of three grades. The functional and nonfunctional requirements will challenge the imagination and skill level in hand building and wheel throwing.

Ceramics 5

Course Length: 1 semester
Grade Level: 11-12, \$20 fee for clay and glazes
Prerequisite: Ceramics 1, 2, 3, 4
Course Credit: 5 credits

Description: In Advanced Ceramics 5, the student will use hand building techniques, alone or in a combination, to create original ceramic work. The student will need original ideas, some sketches, along with the knowledge of pinch, coil, and slab construction methods.

Ceramics 6

Course Length: 1 semester
Grade Level: 11-12, \$20 fee for clay and glazes
Prerequisite: Ceramics 1, 2, 3, 4, 5
Course Credit: 5 credits

Description: In Advanced Ceramics 6, the student will use wheel throwing techniques, alone or in a combination, to create a pitcher with a pulled handle, a bottle or a jar, covered containers with different lids, a teapot, a plate and a closed form.

Digital Photography

Course Length: 1 semester
Grade Level: 10-12; \$20 fee for ink
Prerequisite: Beginning Art 1 or 2
Course Credit: 5 credits

Description: In this digital photography class, the student will become familiar with the camera basics: types of digital cameras, memory cards, aesthetics of photography versus snap shots and composition. They will have an opportunity to work with computers basics to transfer their images to the computer, enhance, edit and manipulate their images, and print their images. Each student will need to have their own digital camera to use in the class and will be required to have their own digital photography printing paper.

Independent Study Art 1

Course Length: 1 semester
Grade Level: Seniors with permission, fees may be required
Prerequisite: Art 1 & 2 or Ceramics I or Beginning Photography
Course Credit: 5 credits

Description: To take this advanced class, the student must be a senior and receive permission from the art instructor. The student and the instructor will work together to develop a contract of projects in fine arts, ceramics, or photography. They will research several different artists and write a research paper for the final. Additional personal costs could be involved.

Independent Study Art 2

Course Length: 1 semester
Grade Level: Seniors with permission, fees may be required
Prerequisite: Art 1 & 2 or Ceramics I or Beginning Photography
Course Credit: 5 credits

Description: To take this advanced class, the student must be a senior and receive permission from the art instructor. The student and the instructor will work together to develop a contract of projects in fine arts, ceramics, or photography. They will research several different artists and write a research paper for the final. Additional personal costs could be involved.

Business

Introduction to Business

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: None
Course Credit: 5 credits

Description: The world of business is full of many issues and topics that are important for students to learn about and discuss while they are still in high school. Students who leave high school with skills such as managing a checking account, budgeting their money based on their income, and knowing the basics about how credit works, will do so, much better prepared for success. This course will provide students with a foundation of understanding about many topics they will deal with throughout their lives and begin to provide a basic understanding of how our economy works.

Computer Applications

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: None
Course Credit: 5 credits

Description: The course is designed to help students improve touch method keyboarding skills focusing on formatting documents using word processing software. Students will work on letters, memos, and reports as well as a career unit where they will create an application letter and resume. Students will learn about using the Internet for research – what’s valid, effective searches, etc. The course will end with a short unit on the basics of word processing, spreadsheets, and presentation software.

Information Technology 1

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: Computer Applications
Course Credit: 5 credits

Description: The student will study how to use and integrate data information using

Microsoft Word, Excel, Access, PowerPoint and Dragon Speaking. The students will complete units in desktop publishing, mail merge, spreadsheets, charts, databases, and presentations.

Information Technology 2

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Information Technology 1
Course Credit: 5 credits

Description: The students will learn how to use advanced features of Microsoft Word, Excel, Access, PowerPoint, and Dragon Speaking.

Information Technology 3

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Information Technology 1 or Computer Applications
Course Credit: 5 credits

Description: Students will learn how to create multimedia presentations and incorporate sound and graphics into PowerPoints, video commercials, and podcasting. They will use Adobe InDesign to create advertisements and other page layouts. Web pages will be designed using FrontPage. Students will also learn to use the scanner and digital camera, record live video, and use graphic editing software.

Digital Media

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Information Technology 3
Course Credit: 5 credits

Description: Students will learn advanced desktop publishing techniques using InDesign. Live video will be recorded to create a promotional video and video podcasts. Students will learn how to write HTML code and use DreamWeaver for

webpage design. PhotoShop will be used to teach the basics of graphic design.

Business Management

Course Length: 1 semester
Grade Level: 11-12
Prerequisite: None
Course Credit: 5 credits

Description: A business course designed to teach the theory of entrepreneurship, impact of the economy on business, and management styles. The course will give students an overview of how a business operates including business ethics, forms of ownership, planning and production, marketing strategies, product development, pricing and promotion, and utilizing human resources. After learning the steps to organize a business, students will write a business plan.

Business Law 1

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: 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 Ethics and Law, Criminal Law, Tort Law, Court System, Trial Procedures, Contracts and Leases. The students are introduced and participate in a class mock trial.

Beginning Accounting

Course Length: 1 Full Year
Grade Level: 10-12
Prerequisite: None
Course Credit: 10 credits

Description: The study of the fundamental principles involved in the preparation and maintenance of financial records concerned with business management and operations. This course is a comprehensive introduction to basic financial accounts including recording, summarizing and reporting, principles of income measurement and asset valuation, accounting systems and controls. Students are introduced to automated accounting.

SCC College Accounting

Course Length: 2 semesters
Grade Level: 12
Prerequisite: Beginning Accounting with a grade of 86% or higher.
Course Credit: 10 credits; 3 college credits

Description: This course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owner's equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity, and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business.

English

English 9

Course Length: 2 semesters
Grade Level: 9
Prerequisite: Freshman Requirement
Course Credit: 10 credits

Description: English 9 involves learning the steps in the writing process including the six traits writing. This course emphasizes five paragraph thesis essays as well as paragraph development. During the course, students will read *To Kill A Mockingbird*, *Animal Farm*, and *Romeo and Juliet* among other novels and short stories. This course also touches briefly on career exploration and creative writing with poetry.

English 10

Course Length: 2 semesters
Grade Level: 10
Prerequisite: Sophomore Requirement
Course Credit: 10 credits

Description: English 10 is designed to help students increase their vocabulary, expand writing skills, provide opportunities for exposure to literature related to many concepts and themes, and grow in appreciation and understanding of the world in which they live. Students will study grammar units, short stories, poetry, drama and novels. Students will also be required to write four to five paragraph essays as well as short stories and other creative assignments. Some of the literacy selections read will include *The Pearl*, *Julius Caesar*, and *Lord of the Flies*.

English 11

Course Length: 2 semesters
Grade Level: 11
Prerequisite: Junior Requirement
Course Credit: 10 credits

Description: Junior English is designed to acquaint students with the development of literature in the United States from its founding days until the present, and to

acquaint students with those authors who have had a significant impact on the literary movements in the United States. Students will increase vocabulary and expand writing skills, and experience a variety of writing assignments from creative writing to five paragraph persuasive essays. The state writing assessment will be given in both the fall and the spring semester, and state standard testing will also occur during this course.

English 12

Course Length: 2 semesters
Grade Level: 12
Prerequisite: Senior standing
Course Credit: 10 credits

Description: English 12 is a class which prepares students for using reading and writing in the post-graduation. It involves development of advanced writing techniques and reading to a great extent. Many novels are covered. Many writing assignments are expected out of this course. Students will write a 10-12 page research paper and make a presentation of that paper to the class by way of a PowerPoint presentation. This class also requires a resume and cover letter to be written to meet senior file requirements.

SCC Composition 100

Course Length: 1 semester
Grade Level: 12
Prerequisite: Students must score a 20 on the English and Reading portions of the ACT and have a 92 average in Junior English. During the summer prior to the beginning of the course, students are required to read two novels which will be used as the basis for the first writing assignments. Students also need instructor permission.
Course Credit: 5 credits; 3 college credits

Description: Composition 100 is a college level transfer class where students will write 6-8 papers ranging from observation papers to persuasive essays and a research paper 10-15 pages in length. Before writing the research paper, students will tour Love Library at the University of Nebraska-Lincoln in order to obtain research materials and learn college library search skills. Tuition is paid at the current SCC rate.

SCC Introduction to Literature 108

Course Length: 1 semester
Grade Level: 12
Prerequisite: Students must score a 20 on the English and Reading portions of the ACT and have a 92 average in Junior English. Students also need instructor permission.
Course Credit: 5 credits; 3 college credits

Description: Introduction to Literature 108 is a college level transfer class in which students will read a wide selection of literary pieces. Students will read works such as *Wuthering Heights*, *Macbeth*, *Their Eyes are Watching God*, *The Great Gatsby*, and a variety of poetry, short stories, and essays. Tuition is paid at the current SCC rate.

Journalism/Yearbook

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: Students must have permission from the instructor, have a "B" average in English and be able to work under pressure, meet deadlines, and be able to stay in the class for the entire year.
Course Credit: 10 credits

Description: This is a year-long course. Students are responsible for putting together the school yearbook as well as producing a school newspaper. Students will be instructed and tested on the details of making these

publications and will be expected to meet strict deadlines. Students learn to take digital pictures and write copy and captions for those pictures. Students are expected to attend school events to make sure pictures are taken. Students use the program Adobe InDesign for working on the paper and the yearbook.

Reading

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: None
Course Credit: 5 credits

Description: The goals of this Reading Class are to increase reading fluency, reading comprehension and writing skills. Emphasis will be placed on phonemic awareness, word recognition, fluency, vocabulary and comprehension. We will read a variety of genres, including fiction, nonfiction, poetry, mysteries and fantasy. If you love reading or are struggling in any of the areas mentioned above, this class is for you. Independent reading selections are allowed on an individual basis. Writing short summaries of our reading selections and completing fun graphic organizers are a part of this class. Reading is FUNdamental!!!!

Family & Consumer Science

Introduction to Family & Consumer Science

Course Length: 2 semesters
Grade Level: 9, 10
Prerequisite: None
Course Credit: 10 credits – may take one or both semesters. Each semester is a different curriculum.

Description: This course develops a wider, more comprehensive view of family and consumer sciences. The following areas of family and consumer sciences will be studied: foods and nutrition, food safety, clothing and textiles, housing and home environments, consumer education, leadership, careers and relationships. Units of study within each area of F&CS are spread over the course of the year and no unit is repeated within the school year. This is a good class to prepare for the semester specialty classes. There is a required fee for the class.

Foods & Nutrition

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: If you like to cook or want to learn, this is the class for you! Breads, dairy and eggs, pasta and grains, pastry, fruits and vegetables are some of the groups from which you will have labs. Units on the methods of food preparation, food safety, sanitation and nutrition are included. There is a required fee for the class.

Food Science/Advanced Foods & Nutrition

Course Length: 1 semester
Grade Level: 12; Juniors will be accepted if space allows with permission.
Prerequisite: None
Course Credit: 5 credits

Description: Food science principles, food safety and sanitation are studied and practiced throughout the semester. You will conduct many food science experiments with each unit of study during the semester. Some experiments will be edible! Food is examined for its diversity and many meanings as it affects your life. Culture and cuisine becomes a part of the Global Foods experience where cultural foods are prepared. Lab experiences are built on previous skills learned in Foods and Nutrition class. Students in this class participate in a “Bake-Off” contest and take center stage for their own “Culinary Show”. There is a required fee for the class.

Housing

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: Information about housing styles and housing alternatives during the life cycle will be covered in this class. Design labs offer the experience of designing interiors. Working knowledge of the elements and principles of design are used. Designing and building a miniature home is an option in this class. There is a required fee for the class.

Adult Living

Course Length: 1 semester
Grade Level: 12
Prerequisite: None
Course Credit: 5 credits

Description: This course is designed to assist students in dealing with decisions of adulthood. The class is divided into two primary sections: consumer education issues of young adults and relationships. Within consumer education we will investigate setting financial goals investment in yourself, comparing job offers, paychecks and taxes, spending plans, managing your cash, renting vs. owning a home, insurance, financial institutions, and identity theft. Students will participate in the “Life in the United States”

finance simulation. Relationships as they affect your life from dating to marriage are explored. Students will also focus on personal responsibility for their clothing food, and nutritional needs. The opportunity for some foods labs is given. While there is no class fee, students are responsible for the materials used in labs. This class meets several senior file requirements, so it is recommended for all seniors.

Creative Problem Solving (DI)

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: None
Course Credit: 5 credits

Description: In this course we will examine the fundamental principles of the creative problem solving process. Students will examine various learning styles while determining the style(s) for which they are best suited. Students will participate in many improvisational activities, logic problems and activities in which the principles of creative problem solving must be applied. Students may select to participate in competitive creative problem solving programs.

Foreign Language

Spanish 1

Course Length: 2 semesters
Grade Level: 9-12
Prerequisite: 88% in 8th grade English and Social Studies
Course Credit: 10 credits

Description: This is the foundation course in learning Spanish as a second language. The student begins to develop the skills of listening, speaking, reading and writing Spanish. Vocabulary, rules of the language, and varying Hispanic cultures are studied. The students need to earn an 80% each semester in Spanish to continue to the next semester.

Spanish 2

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: Spanish 1
Course Credit: 10 credits

Description: Spanish 2 continues the development of listening, speaking, reading and writing in Spanish. Use of Spanish in functional situations expands the students understanding of vocabulary, grammar concepts, and Hispanic cultures. Presentations include leisure-time activities, food, shopping and travel. The students need to earn an 80% each semester in Spanish to continue to the next semester.

Spanish 3

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Spanish 1 & 2
Course Credit: 10 credits

Description: Spanish 3 bridges the intermediate skills of Spanish 2 with those of the advanced level (Spanish 4). Skills of speaking, listening, reading, and writing are developed in broader areas including a study of idiomatic Spanish and wider ranges of verb tenses. Activities may include reading short stories, myths, legends such as *The Virgin of Guadalupe*, and travel planning. The students need to earn an 80% each semester in Spanish to continue to the next semester.

Spanish 4

Course Length: 2 semesters
Grade Level: 12
Prerequisite: Spanish 1, 2, 3
Course Credit: 10 credits

Description: Spanish 4 is an advanced level course. Students will apply communication skills in the areas of comparative cultures, ecology, art, health and fitness, technology, and professions. Activities may include viewing and/or producing a play, creating holiday celebrations, and reading a novel. The students need to earn an 80% each semester in Spanish to continue to the next semester.

Industrial Technology

Industrial Technology 1

Course Length: 2 semesters
Grade Level: 9-12
Prerequisite: None
Course Credit: 10 credits

Description: Students will be asked to build a series of projects which are of a problem solving nature. Projects include: CO2 vehicles, bridge construction, a lexan powered puller, sheet metal project, and a woodworking project. There is a required fee for the class.

Industrial Technology 2

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: Industrial Technology 1
Course Credit: 10 credits

Description: With the goal of a state championship, the students will build a student driven electric race car that will compete with other high schools.

Industrial Technology 3

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Industrial Technology 1, 2 and instructor permission.
Course Credit: 10 credits

Description: An individual study class in which a student decides on the projects they wish to study in-depth.

CAD Drafting

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: None
Course Credit: 5 credits

Description: Computer Aided Drafting will use the AutoCAD program to draw machine parts. Drawings will involve the use of 3 view, oblique, isometric and auxiliary view representations. There is a required fee for this class.

Architectural Drafting

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: CAD Drafting
Course Credit: 10 credits

Description: The student will develop a series of drawings that pertain to building construction. A example of this would be house plans.

Autobody 1

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: Industrial Technology 1
Course Credit: 10 credits

Description: An introductory course for students wanting to explore vehicle repairing and repainting techniques. There is a required fee for this class.

Autobody 2

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Autobody 1
Course Credit: 10 credits

Description: A further study of vehicle body repair. The student will be required to do paint matching and custom painting while learning the latest paint, metal and plastic repair developments.

Autobody 3

Course Length: 2 semesters
Grade Level: 12
Prerequisite: Autobody 1 & 2
Course Credit: 10 credits

Description: Must have instructor permission.

Math

General Mathematics

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: None
Course Credit: 10 credits

Description: Introduction to consumer math skills with a focus on the skills needed in everyday math. Topics include: buying/renting a home, paying utilities and daily bills, loans and loan organizations, credit cards and their use, stocks and bonds, getting a job, travel, buying a car and budgets.

Pre-Algebra

Course Length: 2 semesters
Grade Level: 9
Prerequisite: Instructor
Recommendation
Course Credit: 10 credits

Description: Pre-Algebra is a bridge between basic mathematics and algebra. Students move from working problems that are mostly numerical to solving those that require more advanced reasoning skills that require working with variables. Students will be introduced to a variety of practical reasoning skills which are used in other classes and outside of school.

Basic Beginning Algebra 1

Course Length: 2 semesters
Grade Level: 9-12
Prerequisite: Pre-Algebra; Instructor
Recommendation
Course Credit: 10 credits

Description: This course explores algebraic expressions and equations, properties of real numbers, solving, graphing and writing linear equations and functions, solving and graphing linear inequalities, and solving systems of equations and inequalities. It will use the concepts to explore more complex operations.

Basic Beginning Algebra 2

Course Length: 2 semesters
Grade Level: 9-12
Prerequisite: Basic Beginning Algebra;
Instructor
Recommendation
Course Credit: 10 credits

Description: This course explores exponents and exponential functions, polynomials and factoring, quadratic equations, radicals, rational equations, and probability and data analysis. It will use the concepts to explore complex operations and develop problem-solving skills.

Beginning Algebra

Course Length: 2 semesters
Grade Level: 9-12
Prerequisite: Pre-Algebra
Course Credit: 10 credits

Description: This course uses concepts from Pre-Algebra to explore in more details ways those concepts are used and expand them into more complex operations and problem-solving skills. Concepts include solving, graphic and writing linear equations and inequalities. Working with exponents, exponential equations, polynomials, quadratic equations, radicals, rational functions, probability and data analysis.

Advanced Algebra

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: Beginning Algebra
Course Credit: 10 credits

Description: This course includes solving and graphing equations and inequalities, writing equations of lines, solving systems of equations involving 2 and 3 variables, evaluating determinants, solving systems of inequalities, linear programming problems, operations with matrices, and solving systems of equations using matrices, mathematical operations with polynomials,

finding the zeros of polynomials, operations with radicals, laws of exponents, solving fractional equations and radical equations, laws of exponents and logarithms, solving exponential and logarithmic equations, sequences and series, probability and combinatorics, and statistics and data analysis.

Geometry

Course Length: 2 semesters
Grade Level: 9-12
Prerequisite: Beginning Algebra
Course Credit: 10 credits

Description: The course covers the following topics: inductive reasoning; finding number patterns; properties of angles, triangles, and quadrilaterals; finding lengths of segments, measures of angles and arcs, areas of plane figures; Pythagorean Theorem; surface area and volume of different solids; similarity, ratio, and proportion involving figures; trig ratios and values; solving triangles using the trig ratios; transformations of geometric figures including translations, reflection, rotation, and dilation; and deductive reasoning including more flowcharts and writing two-column proofs.

Pre-Calculus

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Advanced Algebra
Course Credit: 10 credits

Description: This course covers the following topics: linear relations and functions, the nature of functions, graphing functions, and determining the zeros of functions; trigonometry which includes solving triangles, graphing trig functions, verifying trig identities, solving trig equations, using vectors, graphic polar equations, and complex numbers in polar form; equations and graphics of conic sections exponential functions, and logarithmic functions; cominatorics and probability, statistics and data analysis; and

an introduction o Calculus including limits and derivatives.

Calculus

Course Length: 2 semesters
Grade Level: 12
Prerequisite: Pre-Calculus with a 90% or higher
Course Credit: 10 credits

Description: This is an advanced course that covers the basics of calculus. It involves an introduction to limits, derivatives, and integrals. Commitment by the student is required to successfully complete the course, as it takes discipline and dedication to complete the course work. This is an excellent course for those who will be taking college calculus.

Southeast Community College: College Algebra

Course Length: 2 semesters
Grade Level: 10-12
Prerequisite: 90% or above in Pre-Calculus. ACT math section score of 22 or above.
Course Credit: 10 credits; 3 college credits

Description: College Algebra is a college transfer class that covers the following topics: analyzing functions and their graphs; solving equations and finding their intercepts and zeros; finding zeros and graphing polynomial and rational functions, solving and graphing exponential and logarithmic functions; solving systems of equations and inequalities and linear programming problems; and operations with matrices and determinants and their applications. Student will use a graphing calculator to graph and solve equations and functions. Each topic will also include a number of application problems using equations and applications of statistics and data analysis. Current college tuition fees apply.

Music

Senior High Band

Course Length: 2 semesters

Grade Level: 9-12

Prerequisite: Three to four years of lessons or participation in the school band program are preferred. Students must contact the instructor to be evaluated for appropriate placement.

Course Credit: 10 credits

Fee: \$50.00 Instrument Rental fee for use of school owned instruments, Black marching shoes and black socks, and a uniform cleaning fee.

Description: Senior High Band is open to 9th-12th grade students and consists of three components- concert band, pep band, and marching band. The SH Band will begin the year with marching band. The band will do a field show for the homecoming football game and attend one or two parades. The pep band will perform at four games for each of the varsity sports- football, volleyball, and basketball (girls and boys). The concert band performs in the Veteran's Day concert, winter concert, pops concert, spring concert, District Music Contest, and for graduation. Being a member of the SH Band opens up other opportunities (but are not required) such as Jazz Band, Small Ensembles, and eligibility to try out for Honor Bands.

Senior High Choir

Course Length: 2 semesters

Grade Level: 9-12

Prerequisite: Interest in vocal music and a commitment to attend performances

Course Credit: 10 credits

Description: Concert Choir is a vocal music class for 9-12th grade students who are interested in singing. Activities include:
1st Quarter: Singing the Star Spangled Banner with the band for Homecoming. Voice checks to monitor ability to match pitch and voice range.

2nd Quarter: Conference Choral Clinic Music, preparing a small group tossing for the Veteran's Day Celebration and preparation of Holiday concert music.

3rd Quarter: Pops Concert music and preparation of District Music Contest literature.

4th Quarter: District Music Contest and Graduation performance literature.

All quarters involve examining and performing a variety of literature from different periods and ranges of difficulty, sight reading, learning to read rhythms and using solfege, and exercises to improve vocal quality and development.

Physical Education

PE 9

Course Length: 1 semester
Grade Level: 9
Prerequisite: Freshman Requirement
Course Credit: 5 credits

Description: The physical education curriculum includes a wide spectrum of activities in team and individual sports. Emphasis is placed on skillful participation in team sports and lifetime activities promoting physical fitness.

Health 9

Course Length: 1 semester
Grade Level: 9
Prerequisite: Freshman Requirement
Course Credit: 5 credits

Description: To provide understanding and appreciate how a person can develop and enjoy a healthy and satisfying life style. In order to do this, students look at and study wellness, the human system, reproduction, nutrition, and how someone goes about developing and practicing a healthy lifestyle.

Weight Conditioning

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Pass Level 1 certification exam in PE 9
Course Credit: 5 credits

Description: Introduces students to weight conditioning techniques which develop strength, build explosive power and speed, and develop the ideal body size.

Advanced PE

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Pass any previous PE class with at least a B grade average
Course Credit: 5 credits

Description: This class includes many activities including the following: lacrosse, flag football, volleyball, basketball, softball, soccer, and floor hockey.

Lifetime Activities

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Pass any previous PE class with at least a B grade average
Course Credit: 5 credits

Description: This class includes many activities including the following: archery, badminton, ultimate football, whiffle ball, paddle ball, and eclipse ball.

Lifetime Activities II

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Pass any previous PE class with at least a B grade average
Course Credit: 5 credits

Description: The students will study First Aid, Care and Prevention of Injuries, and CPR. Various recreational activities will be practice.

Raymond Central Physical Education Uniform Requirements

- T-Shirt and shorts in good taste. No alcohol or cigarette advertisements allowed. Proper shoes must be worn at all times. Follow school dress code.
- No cut-off shorts or shirts with holes in them allowed. No hand or wrist jewelry. This is for your safety.
- Students who do not dress out will be required to participate and receive only ½ the points they earn that day.

Class Expectations

- Be on time. (Students who are tardy will lose ½ their points for the day.)
- Be prepared.

- Be respectful. (This includes teachers, other students, facilities, and equipment.)
- Follow instructions.
- Bring your OWN lock. Please do not share a locker.

- Keep the safety of yourself and others in mind.
- No one leaves the gym until all equipment is picked up and put away.

Science

Physical Science

Course Length: 2 semesters
Grade Level: 9
Prerequisite: None
Course Credit: 10 credits

Description: This course will cover science standards in physical and earth science.

Life Science

Course Length: 2 semesters
Grade Level: 10
Prerequisite: None
Course Credit: 10 credits

Description: This is a practical biology course which covers the basic themes of life. This course covers: cells, genetics, evolution, ecology, plants, animals, viruses, and bacteria. There are four dissections and a plant project involved in this course. Concepts are related to everyday life.

Biology 1

Course Length: 2 semesters
Grade Level: 10
Prerequisite: None
Course Credit: 10 credits

Description: A rigorous course that studies the basic themes of life. This course covers: cells, genetics, evolution, ecology, plants, animals, and microscopic life. There are four dissections involved in this course, as well as, techniques instructed to create a portfolio and formal lab report.

Biology II

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: C+ or higher in Biology and instructor permission.
Course Credit: 10 credits

Description: This course emphasizes previously learned material in biology. This course focuses on the following specialty areas: Zoology (with emphasis on marine

biology and epidemiology), community ecology, and advanced cell biology. This course includes several advanced dissections and formal research project.

Applied Chemistry

Course Length: 1 semester
Grade Level: 11-12
Prerequisite: Junior or Senior Standing
Course Credit: 5 credits

Description: This course is intended to expand basic chemistry knowledge. Students will develop a basic understanding of specific chemical reactions as they relate to careers. This course is most beneficial to students planning to attend a technical school.

Applied Physics

Course Length: 1 semester
Grade Level: 11-12
Prerequisite: Junior or Senior Standing
Course Credit: 5 credits

Description: This class is directed toward the student planning to attend a technical school needing a basic knowledge of physics for the work place. Topics to be covered include: force and motion, work and machines, energy, and electronics.

Chemistry

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Beginning Algebra and strongly recommend enrollment in Advanced Algebra class.
Course Credit: 10 credits

Description: This is a college preparatory class. Inorganic and organic concepts will be taught. It will give the students the skills and knowledge to successfully complete an introductory chemistry course in college.

Physics

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: Enrolled in Pre-Calculus or higher
Course Credit: 10 credits

Description: This course is college preparatory. Mechanics, optics, astronomy, and electromagnetism are major topics covered. It will give the students the skills and knowledge to successfully complete an introductory physics course in college. Mathematics are an integral part of physics.

Physiology

Course Length: 2 semesters
Grade Level: 11-12
Prerequisite: C+ or higher in Biology and instructor permission
Course Credit: 10 credits

Description: This is an excellent introduction to the human body. A must take if you plan on entering the medical field. This course covers all anatomical terminology, as well as, a majority of the body systems and their functions. A field trip to the UNL physiology lab is also taken during the second semester

Social Studies

Geography

Course Length: 2 semesters
Grade Level: 9
Prerequisite: None
Course Credit: 10 credits

Description: The study of spatial relations and processes on the earth's surface studied on a variety of scales ranging from local to world-wide. **This course must be passed by ALL 9th grade students.**

American Government

Course Length: 2 semesters
Grade Level: 12
Prerequisite: Senior Standing
Course Credit: 10 credits

Description: The study of the American Government System and its political operations. It includes how each branch of our government operates and how they relate to the other two branches. It also includes a study of the rights, responsibilities, and duties of a citizen of the United States. **It is required that ALL Seniors take and pass this course (2 semesters) in order to graduate.**

World History

Course Length: 2 semesters
Grade Level: 10
Prerequisite: Sophomore Standing
Course Credit: 10 credits

Description: The study of the history of events, individuals, groups, institutions, artifacts, ideas and other phenomena associated with the entire world. **This course must be passed by ALL 10th grade students.**

American History

Course Length: 2 semesters
Grade Level: 11
Prerequisite: Junior Standing
Course Credit: 10 credits

Description: The study of America's history from pre Civil War to the present. Students learn about the social, economic, and political issues which have shaped American lives. Topics cover the events, people and attitudes of the people of the United States and the impact of these on our life style today. **This course must be passed by ALL 11th grade students.**

Economics

Course Length: 1 semester
Grade Level: 12
Prerequisite: Senior Standing
Course Credit: 5 credits

Description: This course describes the basic characteristics of the American economic system; demonstrates how fundamental economic concepts operate; fosters appropriate life, student and decision-making skills; enables students to explore consumer issues and aspects of personal economics, and develops an understanding of economic principles that influence business decisions. **It is required that ALL Seniors take and pass this course in order to graduate.**

Psychology

Course Length: 1 semester
Grade Level: 11-12
Prerequisite: None
Course Credit: 5 credits

Description: This is an introductory class that covers the any facets of the science of psychology. Students will study a variety of topics including learning processes, the development of personality, mental and emotional problems, the psychology of group behavior and social attitudes.

Sociology

Course Length: 1 semester
Grade Level: 11-12
Prerequisite: None
Course Credit: 5 credits

Description: Sociology is the study of the behavior of people in groups. In this course, students will learn about the social development of individuals in a society and consider the effects that culture, language and status have on development. This course will focus on social life in our modern society. Students will study the way groups are formed, the results of group behavior and the effect of that behavior on our culture.

Speech

Personal Communications

Course Length: 1 semester
Grade Level: 10
Prerequisite: None
Course Credit: 5 credits

Description: In order for us to communicate effectively with others, we must first understand ourselves, know our own strengths, weaknesses, likes and dislikes and be aware of how people react to us when we speak. We also need to be aware of the many different types and ways in which people use the communication arts to express ideas. This class will explore all of these factors in order to help students become better communicators. **It is required that all sophomore students take and pass this class.**

Beginning Speech

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: Approval of Instructor
Course Credit: 5 credits

Description: This class is not only designed for the student who wants to learn the basics of communicating, but also wants to experiment with these methods outside the classroom. During this class, students will participate in at least three competitive contests, practices, and Speechfest, which is open to the public.

Advanced Speech

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Beginning Speech and approval of instructor
Course Credit: 5 credits

Description: This class is for students who wish to polish skills already acquired in Beginning Speech. Students will participate in

at least four competitive contests, as well as practices, and the RC Invite which is open to the public, plus critique and judge other Beginning Speech students.

Drama

Course Length: 1 semester
Grade Level: 9-12
Prerequisite: None
Course Credit: 5 credits

Description: This class is designed for anyone interested in the dramatic arts. Students will be introduced to the foundations of theatre focusing on the basics of acting, technical theatre, art criticism, playwriting, and theatre history. Students will be expected to perform monologues, duet scenes, and improvisation activities.

Advanced Drama

Course Length: 1 semester
Grade Level: 10-12
Prerequisite: Must have taken and received an 80% or higher in Drama class.
Course Credit: 5 credits

Prerequisite: Description: In Advanced Drama, students will focus on specific acting techniques and the directing process. Throughout the third quarter, students will focus and hone their acting techniques by studying period acting as well as Method Acting. Fourth quarter, students will learn the directing process and apply it by directing each other in scenes, and holding auditions and directing their own one-act shows.
Second semester.

SENCAP Career Academies

Course Length: Varies
Grade Level: 11-12
Prerequisite: None
Course Credit: 5 credits per semester (RC); College credit varies per course
(4.5 quarter hours at SCC = 3.0 semester hours at a four-year institution)

The Education Career Academy ~ Regular Education Track

YEAR 1

1st Semester: EDUC 1110 Introduction to Professional Education (4.5 credits)

Overview of the foundations and the future of the field of education. Encourages critical thought regarding the role of education in society, the role of the teacher and educational practices in schools.

2nd Semester : EDUC 2590 Instructional Technology (4.5 credits)

(Prerequisite: EDUC 1110)

Introduction to the approaches, methods, and procedures for meaningful incorporation of computers, media, and other technologies into teaching and learning in the K-12 classroom.

YEAR 2

1st Semester: EDUC 1010 Introduction to Sociology (4.5 credits)

Introduction to the basic principles of sociology including the study of culture, socialization, social structure, social institutions, investigative behavior, deviance, inequalities, and theoretical perspectives.

2nd Semester Education: PSYC 2960 Lifespan- Human Development (4.5 credits)

(Prerequisites: SOCI 1010)

Integration of the basic concepts and principals of physical, cognitive and psychosocial development at each major stage of life. 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 parents.

The Education Career Academy ~ Early Childhood Track

YEAR 1

1st Semester: ECED 1150 Introduction to Early Childhood Education (4.5 credits)

An overview of early childhood education. History, trends, the philosophies of various programs, diversity, inclusion, licensing standards, current legislation, professionalism, and advocacy are examined. (This course required for Early Childhood Degree at SCC)

2nd Semester : SOCI 1010 Introduction to Sociology (4.5 credits)

YEAR 2

1st Semester: PSYC 2960 Life-Span Human Development (4.5 credits)

2nd Semester: ECED 1120 Preschool Child Development (4.5 credits)

This course focuses on typical/atypical development of the child ages 2 through 5 years, in the domains of physical growth and motor skills, cognition and language, and social/emotional development. Grade of "C" or higher required for ECED 2065 (Child Care Head Teacher Practicum). (This course required for Early Childhood degree at SCC).

The Business Career Academy

YEAR 1

1st Semester: BSAD1050 – Introduction to Business (4.5 credits)

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. Also a study and discussion of various strategies for success of specific public and private firms as well as small business. Business vocabulary used to understand and interpret business news and information.

2nd Semester: ENTR1050 – Introduction to Entrepreneurship (4.5 credits)

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.

YEAR 2

1st Semester: BSAD 2520 – Principles of Marketing (4.5 credits)

A study of the development of an effective marketing program including consumer behavior, product, pricing, distribution, and promotional strategies.

2nd Semester: BSAD 2540 – Principles of Management (4.5 credits)

Introduction to management theory and practice for supervisors of employees or managers of organizations. Functions of planning, organizing, directing, controlling and supervising. New and rapidly developing areas of management.

Alternate Course: ACCT 1200 – Principles of Accounting (Note: Must have successfully completed at least one year of high school accounting.)

The Health Academy

YEAR 1

1st Semester: NONCR – Introduction to Health Careers (2 credits)

This class will be offered for high school credit only. The purpose of the class is to introduce students to the broad range of career opportunities in the healthcare field.

AND

MEDA 1101 – Medical Terminology I (2 credits)

Introduction to medical terms. System for building a basic structure of medical terms. Pronouncing, spelling, defining terms and common medical abbreviations included.

2nd Semester: SOCI 1010 – Introduction to Sociology (4.5 credits)

Introduction to the basic principles of sociology including the study of culture, socialization, social structure, social institutions, investigative behavior, deviance, inequalities, and theoretical perspectives.

OR

2nd Semester: PSYC 1810 – Introduction to Psychology (4.5 credits)

(Note: All students from the same school must take either Sociology or Psychology.)

YEAR 2**1st Semester: PSYCH 2960 – Life-Span Human Development (4.5 credits)**

(Prerequisites: SOCI 1010)

Integration of the basic concepts and principals of physical, cognitive and psychosocial development at each major stage of life.

2nd Semester: FSDT 1350 - Basic Nutrition (4.5 credits)

The study of nutrients, digestion, absorption, metabolism, fitness, consumer concerns, food safety, nutrition throughout the life cycle, including influences on food selection. The relation of nutrition in relation to disease is explored.

OR

2nd Semester: NURA 1401 - Basic Nursing Assistant (4.5 credits)

Completion meets Nebraska Dept. of Health requirements for employment. (Note: BNA will be offered both 1st and 2nd semester online or face to face if instructors are available.)

Continuation of the study of BIOS1210. Relationships between structure and function. Detailed study of the major systems of the human body including cardiovascular, respiratory, digestive, urinary, reproductive, endocrine and lymphatic systems. Special senses, immunity, fluid, electrolyte and acid-base dynamics. Important physiology experiments and identification experiments.

The Agriculture Career Academy**YEAR 1****1st Semester: AGRI 1123 – Agribusiness Careers (4.5 credits)**

Overviews of occupations in the field of agribusiness. In-depth exploration of several broad occupations areas and personal interview of at least two agribusiness management level employees.

2nd Semester: AGRI 1000 – Introduction to Agriculture and Horticulture Technologies (4.5 credits)

The purpose of this class is to introduce students to the fundamental skills and knowledge base necessary to succeed in the Crops, Livestock, Horticulture and Business sectors of the agriculture industry.

YEAR 2

1st Semester: AGRI 1131 – Crop & Food Science (4.5 credits)

Principals and practices of production of the major agronomic crops of the high plains.

2nd Semester: AGRI 1257 – Live Animal Selection & Carcass Evaluation (4.5 credits)

Methods of selection and evaluation of live animals and carcasses. Training in selection of replacement breeding animals of economic importance. Purchasing slaughter animals and carcasses for primal cuts within the meat industry.

The Industrial, Manufacturing & Engineering Systems Career Academy

YEAR 1

1st Semester: ENER 1100 – Introduction to Energy Generation and Distribution (4.5 credits)

Introduction to the history of electric and fluid power in the U.S. including deregulation. Private and public utilities are discussed as well as methods of commercial power generation, including fossil fuels, nuclear power and renewable energy generation. Include overview of electrical transmission and distribution systems. System reliability and governance are covered.

2nd Semester: AUTT 1000 – Shop Procedures AND AUTT 1100 Shop Safety and Repairs

These two courses are foundational classes that all students going into automotive, construction and engineering need as part of their Program of Study. The courses deal with the many basic elements of automotive repair, the proper use of hand tools, basic shop safety, OSHA hazard communication standards, thread repair, tube flaring, fasteners, micrometers, and other equipment used by the professional automotive technician.

YEAR 2

No courses have been identified in this sequence at this time.

Information Technology Career Academy

YEAR 1

1st Semester: INFO 1151 – Computer Fundamentals

OR (if high school students have more advanced technology skills)

INFO 1111 – Logic and Design

2nd Semester: INFO 1111 – Logic and Design

OR (more advanced students)

INFO 2564 – Visual Basics

YEAR 2

1st Semester: INFO 2564 – Visual Basics

OR (more advanced students)

ELEC 2760 – Networking Infrastructure

2nd Semester: ELEC 2760 – Networking Infrastructure

OR (more advanced students)

INFO 1431 – Web Page Fundamentals AND INFO 1325 – Internet Scripting

Welding Career Academy

Note: The sequence of classes will be determined by the host site in which the student is enrolled. The degree of skills the students have will help establish the sequence to follow.

1st Semester: WELD 1117 – Oxy Theory

Study of the theory, safety, equipment and applications of the Oxyacetylene Welding process.

AND

WELD 1119 – Oxy Welding & Cutting

Prerequisite: WELD 1117

Laboratory exercises with the Oxyacetylene, Braze Welding, Oxyacetylene Cutting and related processes.

AND

WELD 1122 GMAW Theory

Study of Gas Metal Arc Welding theory, safety, applications, manipulative skills, welding principles, and procedures. Study and use of various filler wires and shielding gases and welding power source set-up.

WELD 1124 GMAW Lab I

Prerequisite: WELD 1122

Beginning welding of carbon steel with Gas Metal Arc Welding process on various joint configurations.

YEAR 2

1st Semester: WELD 1110 SMAW Theory

Study of Shielded Metal Arc Welding theory, safety, applications, procedures, and welding practices. Study and selection of power sources and electrodes.

AND

WELD 1112 – SMAW Lab I

Prerequisite: WELD 1110

Beginning welding of carbon steel with the Shielded Metal Arc Welding process on various joint configurations and with various electrodes.

2nd Semester: WELD 1128 Blueprint Reading & Weld Symbols

Note: All courses in welding are required by SCC for an Associate Degree.

Online Classes Available from SCC

Southeast Community College is offering a limited number of online courses that are available on the same semester schedule as most high schools, instead of the normal SCC 10 week quarter schedule.

Space is limited for each course due to instructor workload and registrations will be accepted on a first come first served basis. Registrations for first semester must be submitted by May 1, 2012 to determine if there is adequate enrollment to hold the class or a need to add additional sections. Please do not register for spring semester at this time. Students will be mailed tuition statements and payment is due before class starts. Textbooks are an additional cost and may be ordered online at www.sccbookstore.com

Tuition and Fees

The SCC tuition and fees for 2012-2013 will be established by the SCC Board of Governors at their March meeting.

Order SCC textbooks online at www.sccbookstore.com or call 1-800-642-4075.