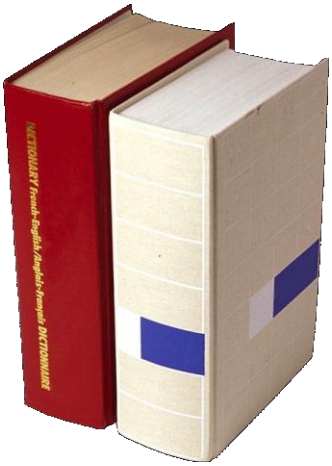
Registration Handbook

2019-2020



Student Services Office

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PLEASE NOTE:

**Most classes cannot be repeated for credit or an improved grade.
Be sure you are not taking the same class over again
for which you would not receive credit or a grade.**

Art Department:

Art 1 Beg Drawing/Painting	None	9-12	one semester.....	21
Art II Intermed Draw/Paint	Art I Beg Drawing/Painting	9-12	one semester.....	21
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Business Marketing and Management:

Accounting	None	11-12	one year	24
Advanced Accounting	Accounting	12	one year.....	24
Business Law	Intro to Bus/Market/Management or Instructor Approval	11-12	one semester.....	24
Intro to Bus/Marketing/ Management	None	9-12	one semester.....	25
Entrepreneurship	Intro to Bus/Market/Management or Instructor Approval	9-12	one semester.....	25
BHS Personal Finance/ Career Ed	None	11	one semester… ...	25
Info Technology Applications 1	None	9-12	one semester.....	26
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Career Academy Department

Career Academy Agriculture	Age 16	11-12	one year……..	27
Career Academy Business	Age 16	11-12	one year……..	27
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Communication Arts Department:

Advanced Theatre	Introduction to Theatre, grade requirement, Play Production, OR instructor approval	11-12	one semester….	32
Speech	None	9-12	one semester….	32
Introduction to the Theatre	None	9-12	one semester….	32
Journalism I	None	9-12	one semester….	33
Oral Communications	None	9-12	one semester….	33
Play Production	Intro to Theatre OR Instructor Approval	10-12	one semester….	33
Yearbook	Journalism I, grade requirement, or instructor approval	10-12	two semesters...	33

English Department:

English I	None	9	one year..... 35
English II	English I	10	one year..... 35
English III	English II	11	one year..... 35
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English IV	English III	12	one year..... 36
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Life Management:

Sewing Basics	None	9-12	one semester…40
Families in Crisis	None	9-12	one semester…40
Fundamentals of Food & Nutritn	None	9-12	one semester…40
Prostart I	Fundamentals Foods & Nutrition	10-12	one semester…41
Prostart 2	Prostart I	11-12	one semester….41
Child Development	None	9-12	one semester….41
Early Childhood Education	Child Development, Instructor Approval	11-12	one semester….41

Mathematics Department:

Algebra 1	None	9-12	one year…….44
Integrated Algebra I	Recommendation	9-12	one year…….44
Algebra 2A	Geometry	10-12	one year…….44
Algebra 2B	Geometry	11-12	one year…….44
Integrated Algebra 2	Integrated Geometry	11-12	one year…….44
College Algebra	Algebra 2B or Algebra 2A	12	one year…….45
Advanced Math	Integrated Algebra 2	11-12	one year…….45
Geometry	Algebra I	9-12	one year…….45
Integrated Geometry	Integrated Algebra I	9-12	one year…….45
Pre-Calculus/Analytic Trigonometry	Algebra 2A	11-12	one year…….45
Calculus	Pre-Calculus/Analytic Trigonometry	12	one year…….46
Probability & Statistics	College Algebra or Pre-Calculus Trigonometry	11-12	one year…….46

*****NOT FOR MATH CREDIT*****

NE Math Readiness	Algebra I, Algebra II (A/B). Geometry and by Approval	12	one year…….46

Music Department:

Concert Band	Marching Band	9-12	second semester . 47
Comprehensive Musicianship	Enrolled in performance based music class	10-12	one/two semesters .. 47
Marching Band	None	9-12	first semester 47
Concert Choir	Orange Singers, other choral ensemble, audition, or special permission	10-12	one year..... 48
Color Guard	By audition	9-12	first quarter..... 48
First Edition Show Choir	Audition or Instructor Approval	9-12	two semesters 48
Limited Edition Show Choir	Audition, concurrent enrollment in Concert Choir	10-12	one year..... 48
Limited Edition/Jazz Band	Concert Choir/band concurrent enrollment, audition	10-12	one year..... 49
Music/Media Production	None	10-12	one semester..... 49
First Edition/Percussion	Acceptance in First Edition/Percussion and audition	9-12	second semester . 49
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William of Orange Singers	None	9-12	two semesters 50
Percussion Techniques	Marching Band 1st semester, permission	9-12	second semester. 50

Physical Education Department:

Health	None	9	one semester..... 51
Aerobics	One semester of physical education	9-12	one semester..... 51
Lifetime Fitness	None	9-12	one semester..... 52
Recreational Team Sports	None	9-12	one semester..... 52
Advanced Conditioning	None	9-12	one semester..... 52

Science Department:

Advanced Biology	Int. Biology or Int Bioscience, Chemistry and Instructor approval	11-12	one year..... 54
Advanced Placement Chemistry	Diff. Chemistry with grade of A or B and instructor approval	11-12	one year..... 54
Anatomy & Physiology	Two years of science, and Instructor approval	11-12	one year..... 55
Integrated Bioscience	One year of science	10-12	one year..... 55
Botany	Int. Biology, Int. Bioscience with a grade of A, B, or C or instructor approval	10-12	one semester..... 55
Differentiated Chemistry	Geometry, Integrated Biology, or Int. Bioscience with grade of A or B, or teacher recommendation	10-12	one year..... 56
Chemistry	Algebra I, Int Biology and Int Bioscience or teacher recommendation	10-12	one year..... 56
General Biology	Recommended	10-12	one year..... 56
Integrated Biology	8th grade recommendation	9	one year..... 57
Integrated Science	8th grade recommendation	9	one year..... 57
Integrated Earth Science	8th grade recommendation	9	one year……..... 58
Integrated Physical Science	General Biology or Instructor Approval	11-12	one year……... 58
Physics	Geometry, Algebra 2	11-12	one year..... 58

Zoology	Int. Biology or Bioscience with a grade of A, B, or C or instructor approval	10-12	one semester..... 59
Special Topics in Science	Int. Bio or Int Biosci & instructor approval	10-12	one year..... 59

Skilled and Technical Sciences

Intro to Computer Aided Drafting	None	9-12	one semester..... 60
Intro Architectural Technology I	Introduction to Computer Aided Design	10-12	one year..... 60
Architectural Technology II	Intro Architectural Technology I	11-12	one year..... 60
Mechanical CAD I	Intro to Computer Aided Design	10-12	one semester..... 61
Mechanical CAD II	Mechanical CAD I	11-12	one year..... 61
Advanced AutoCAD	Mechanical CAD II or Arch Draft II	11-12	two semesters 61
General Automotive Maintenance	None	9-12	one semester..... 61
Automotive Technology I	None	9-12	one semester..... 61
Automotive Technology II	Automotive Tech I, instructor approval	10-12	one year..... 62
Electricity/Electronics Comp	Algebra 1 recommended	9-12	one year..... 62
Electricity	Electricity/Electronics Comp	10-12	two semesters 62
Manufacturing/Welding I	None	9-12	one year..... 62
Manufacturing/Welding II	Manufacturing/Welding I and Intro to CAD	10-12	one year..... 63
Manufacturing/Woodworking I	None	9-12	one year..... 63
Manufacturing/Woodworking II	Manufacturing/Woodworking I, Intro to CAD	10-12	one year..... 63
Principles of Construction	Intro to CAD, Manufacturing Woodworking 1, Instructor Approval	10-12	one year..... 63
Application in Construction	Principles of Construction and Instructor Approval	11-12	one year..... 64

Social Studies Department:

American Government	None	11	one semester..... 66
American History I	None	9	one semester..... 66
American History II	None	9	one semester….. . 66
Psychology I	None	11-12	one semester… ... 67
Advanced Placement Psychology	Instructor Approval	11-12	one year..... 67
Sociology I	None	11-12	one semester..... 67
Sociology II	Sociology I	11-12	one semester… .. .67
World History I	None	10-12	one semester..... 67
World History II	None	10-12	one semester..... 68

Elective Credit (**not Social Studies credit)**

Leadership/Civic Responsibility	None	10 -12	one/two semesters.. 68
History of Sports	None	11-12	one semester…..... 68

Special Education Department:

Elements of Music	Those who qualify	9-12	two semesters 69
Independent Living	Those who qualify	11-12	one semester..... 69
General Biology	Those who qualify	10	two semesters 69
Integrated Physical Science	Those who qualify	11	two semesters 70
Integrated Earth Science	Those who qualify	9	two semesters 70
Vocational Exploration	Those who qualify	11-12	one semester..... 70
American Government	Those who qualify	11-12	one semester..... 71
American History	Those who qualify	9-12	two semesters 71
World History	Those who qualify	10-12	two semesters 71
Pre-vocational Training	Those who qualify	9-12	one semester..... 71
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Geometry I Year I	Those who qualify	11	one year…… ... .72
Geometry I Year II	Those who qualify	12	one year…… 73
Current Events	Those who qualify	9-12	one semester..... 73
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English I	Those who qualify	9	one year…… 73
English II	Those who qualify	10	one year…… 74
English III	Those who qualify	11	one year…… 74
English IV	Those who qualify	12	one year…… 74
Personal Finance	Those who qualify	11	one semester..... 74

Work Based Learning – Career Readiness

Career Development	None	11-12	one semester…75
Work-Based Learning	Approval	12	two semesters...76
Occupational Internship	Approval	11-12	two semesters...76
Job Shadowing Experience	Approval	12	one semester....76
BHS Personal Finance/ Career Ed	None	11	one semester….77

World Language Department:

Introductory Spanish	None	9-10	one semester….78
Spanish I	None, English grade of C or higher	9-11	one year…….78
Spanish II	Spanish I	10-12	one year…….78
Spanish III	Spanish II	11-12	one year…….78
Spanish IV	Spanish III	12	one year…….79
Chinese I DL	None	9-12	one year.....79
Chinese II DL	Chinese I	10-12	one year.....79
Chinese III DL	Chinese II	11-12	one year.....79

Admission to Beatrice Public Schools and Registration Procedures

Admission procedures:

The counselors and administration at B.H.S. require that a parent or guardian accompany all students when registering in the Beatrice Public Schools district. In order to attend school, the student must reside in the Beatrice Public Schools district and meet one of the following criteria:

- Legal custodial parent must live in the Beatrice Public Schools district.
- The student must have a guardian duly appointed by a court of competent jurisdiction and said guardian must reside in the Beatrice Public Schools district.
- The student is a "ward of the court".
  OR
- The student has been approved for **option enrollment** in the Beatrice Public Schools district.
- The student resides in the Beatrice Public Schools district and has on file with the school a valid **Power of Attorney** pursuant to Neb. Rev. Statute: #530-2604.
- The student has on file the Temporary Delegation of Parental Powers.

A student will not be allowed to enroll until one of these options is proven. Parents with questions should contact the office of the Beatrice Superintendent of Schools.

Upon enrollment of a student in Beatrice Public Schools, the parent or guardian of any child grades nine through twelve shall furnish:

1. Within thirty (30) days, evidence of physical examination by a physician, physician's assistant, or nurse practitioner, in the case of a transfer from out-of-state and visual evaluation by a physician, a physician assistant and advanced practice registered nurse or an optometrist, unless the parent or legal guardian submits a written statement refusing a physical examination.
2. Evidence of protection against measles, mumps, rubella, poliomyelitis, diphtheria, pertussis, tetanus, and other diseases as required by applicable law, by immunization, prior to enrollment, Hepatitis B and date of either the disease of chicken pox or the date of chicken pox immunization, unless the parent or legal guardian submits a written statement refusing immunization or meets other exceptions established by law.

In addition, you will need to provide a birth certificate or other reliable proof of the child's identity and age, accompanied by an affidavit explaining the inability to produce a copy of the birth certificate (Note: You are hereby notified that state law requires that such proof of identity and age be given to the school within thirty days of enrollment). If this requirement is not met, you will be given another notice advising you that unless you comply within ten days the matter will be referred to the local law enforcement agency for investigation. Any affidavit received as proof of the child's identity and age that appear inaccurate or suspicious in form or content will be reported immediately to local law enforcement.

Notice of Nondiscrimination

The Beatrice Public Schools District No. 15 does not discriminate on the basis of race, color, national origin, sex, disability, marital status or age in admission or access to, or treatment of employment in, its programs and activities. If you feel you have been discriminated against, or have inquiries regarding grievance activities, or

compliance with Title IX or Section 405, contact the Director of Special Services, Beatrice Public Schools, 320 North Fifth Street, Beatrice, Nebraska 68310, (402) 223-1512.

La escuela publica de Beatrice no discrimina en base de la raza, del color, del origin nacional, del sexo, de la inhabilidad, del estdo civil o de la edad en l reconocimiento o el o el asseso a s el tratemiento del empleo en sus programas y actividades.

Si usted se siente que usted ha sido discriminado contra, o ha inquirida, observada las actividades de queja o conformidad con el titular IX, titulo IV o section 504 contacta con Director of Special Services, Beatrice Public Schools, 320 North Fifth Street, Beatrice, Nebraska 68310, (402) 223-1512.

Students Transferring from other Schools:

- All students transferring to Beatrice High School must have a legal custodial parent or guardian present when registering.
- Your transcript(s) from prior school(s) will be evaluated and a plan developed leading to high school graduation. When transferring from another school you must attend and complete at least one full semester at Beatrice High School before you are eligible for early (midterm) graduation.
- To receive a diploma from Beatrice High School, you must acquire at least twenty-five (25) credits from Beatrice.
- Only credit from state accredited schools will be accepted toward meeting graduation requirements at Beatrice High School. Unless approved by administration, credits or classes from a school exempt from state approval or accreditation, such as those operating under Nebraska Department of Education Rule 13 will not be applied toward graduation requirements.
- Students enrolling in BHS after the 10th day of school either semester may not be awarded full credit.

Registration Procedures:

- Registration of students for the next school year is held during second semester of each school year.
- New students to Beatrice should call the Beatrice High School at 402-223-1517 for an appointment to register and for a counselor assignment.
- Beatrice Public Schools require the use of legal name (that printed on birth certificate)
- Eighth grade students registering for ninth grade should develop a four (4) year educational plan outlining the classes you intend to take while attending BHS.
- Your four year plan should reflect your ambitions and intentions for what you plan to do after you graduate. This program may be changed. It is important to register for classes that are going to best prepare you for post high school and it is very likely that your intentions will change as time goes on.
- Please review the course descriptions in this handbook or on-line before you register. For more specific information, talk with teachers of the classes you are interested in and to your counselor about content and/or level of difficulty. It is much easier to make good, sound choices at registration time than try to change your schedule later on.

Exchange Students:

1. Beatrice Public Schools will accept a maximum of four exchange students from other countries who are sponsored by an exchange program that has been approved by the National Association of Secondary School Principals, and who live with a resident of the Beatrice Public Schools district.
2. Families who are interested in hosting an exchange student should contact the high school principal.

All exchange students will be classified as juniors. Exchange students will not take part in senior activities and will be expected to attend until the end of the school year. It is important that complete academic records be provided to the school. The host family or sponsoring organization will be expected to be responsible for class fees, class ring, school supplies, transportation and school lunches or additional expenses incurred.

Course Load and Course Change Procedure:

Seniors:

1. Attend 8 periods:
    a. 8 scheduled classes
    b. 7 scheduled classes and 1 study hall
    c. 7 scheduled classes and 1 student aide
    d. 6 scheduled classes and 1 study hall and 1 student aide period
    e. 6 scheduled classes with 2 periods for Career Academy Introduction to Education
2. Attend 7 periods:
    a. 7 scheduled classes with 1 release period
    b. 6 scheduled classes and 1 study hall with 1 release period
    c. 6 scheduled classes and 1 student aide period with 1 release period
    d. 5 scheduled classes and 2 periods for Career Academy Introduction to Education with 1 release period
3. Attend 6 periods:
    a. 6 scheduled classes with 2 release periods
    b. 4 scheduled classes and two periods for Career Academy Introduction to Education and 2 release periods
    c. 5 scheduled classes with 1 student aide and 2 release periods
4. School to Career Program:
    a. Students take a minimum of four scheduled classes and are released for one to four consecutive periods each day

All students who have two release periods must schedule them consecutively (i.e. 1st and 2nd, 7th and 8th) or have them scheduled 1st and 8th periods. If a student chooses only one release period, that period must be either 1st or 8th period. Students must have parent permission for release periods. Students must have passed all courses in the previous semester. A student may earn a maximum of sixty (60) hours of school-to-career/CAN credit in high school.

Juniors:

1. Attend 8 periods:
    a. 8 scheduled classes
    b. 7 scheduled classes and 1 study hall
    c. 7 scheduled classes and 1 student aide period
    d. 6 scheduled classes, 2 school-to-career periods
2. Attend 7 periods:
    a. 7 scheduled classes with 1 release period
3. Attend 6 periods:
    a. 6 scheduled classes and 2 school-to-career periods

Sophomores:

1. Attend 8 periods:
    a. 8 scheduled classes
    b. 7 scheduled classes and 1 study hall
    c. 7 scheduled classes and 1 student aide period

Freshmen:

1. Attend 8 periods:
    a. 8 scheduled classes
    b. 7 scheduled classes and 1 study hall

THE FOLLOWING COURSES ARE REQUIRED FOR STUDENTS

Department:	YEAR 1	YEAR 2	YEAR 3	YEAR 4
Communication Arts:	Journalism, Intro to Theatre, Oral Communications, or Speech	One semester during grades 9-12	One semester during grades 9-12	One semester during grades 9-12
English:	English I	English II	English III	English IV
Mathematics:	Algebra I, Geometry	Math requirement in sequence	Math requirement in sequence	
Science:	Integrated Science, Integrated Biology or Integrated Earth Science	Science requirement in sequence	Science requirement in sequence	
Social Studies:	American History	World History	American Government and additional social studies class	OR additional Social Studies class
Physical Education:	Physical Education, Health	One semester of additional p.e. during grades 9-12		
Financial Literacy/ Career Education			BHS Personal Finance/BHS Career Education	

The chart may help you understand a little more clearly what courses you are required to take. The shaded areas indicate the number of semesters you are required to take in each subject.

The course names indicate the courses that will satisfy the requirement and when they may be first, or are typically, taken during your four years of high school.

Graduation Requirements: 260 hours

- 1 semester of Communications
- 8 semesters of English
- 6 semesters of Math
- 6 semesters of Science
- 6 semesters of Social Studies
- 2 semesters of Physical Education
- 1 semester of Health
- 1 semester of BHS Personal Finance/BHS Career Education

GRADES:

One of the things you must do to receive credit for a course is to earn a passing grade. Grades are also used to determine **Grade Point Average (G.P.A.)** and **Class Rank**. These become important aspects of your school record as you approach the end of your high school career.

Grading (Marking) Scale:

A – 93% - 100%	**P = Passed**
B = 86% - 92%	**S = Satisfactory**
C = 78% - 85%	**U = Unsatisfactory**
D = 70% - 77%	**WP = Withdrew Passing**
F = Below 70%	**WF = Withdrew Failing**
I = Incomplete	

Any student in a traditional or on-line class should receive a grade (mark). Those grades that a student may receive are shown above. These grades will be awarded at the end of each grading period and at progress report times.

Those teachers who use a grading scale other than the one above will give a copy of the scale to each student during the first week of school. A copy of this alternative scale will also be filed in the Principal's Office.

Incomplete Grades: When conditions warrant, a teacher may give an "incomplete" as a course grade, with administrative approval. Generally, any student with one or more grades of "incomplete" will have three weeks following the first semester to make up the work needed to change this to a passing grade. After this time, the incomplete will automatically be changed to a failing grade. Incomplete grades for the second semester will not be given without Administrative approval. (When incomplete grades are the result of extended absences due to chronic illness, accidents, or health related problems, the student may appeal to the principal for an extension of the three weeks to make up the incomplete grade(s).

GRADE POINT AVERAGE:

Grade Point Average (G.P.A.) is calculated on a four point scale. All course work for which you receive a grade will be used in the calculation of G.P.A. with the exception of: P, S, U, I, WP, and WF. Grade equivalents are as follows:

A	=	4 points per credit hour
B	=	3 points per credit hour
C	=	2 points per credit hour
D	=	1 point per credit hour
F	=	0 points per credit hour

*If a class meets five days a week, and you successfully complete that class, you will earn five credit hours for that class.

CALCULATION OF GRADE POINT AVERAGE:

To calculate your G.P.A., you would use the following steps:

1. Assign a value for the grade you receive in each class by the assigned point values;
2. Multiply the points for each class by the number of credit hours you earned for that class;
3. Add up all the points calculated for each class;
4. Add up the number of credits that you **attempted;**
5. Divide the number you calculate for Step #3 by the number you calculate for Step #4.

If you are calculating your quarterly or semester G.P.A., then you use only the grades on that report card. If you are attempting to calculate your **over all G.P.A.**, then you must include **all grades and credit hours attempted beginning in Ninth (9th) Grade.**

CLASS RANK:

Your class rank is determined by your overall G.P.A. beginning in ninth grade to the present. G.P.A.'s are calculated to three decimal places. The highest G.P.A. (e.g. 4.000) is ranked as number one in the class. Final class rank includes all grades and credits attempted in grades 9 through 12 (except classes that are graded P, S, U, I, WP, WF).

Note: Grades in Special Education classes will not be given a point value for class rank. Those grades will, however, be used to determine a G.P.A. for the student.

AUDITING A CLASS:

Students who have failed the second semester of a year long math or foreign language class may choose to audit the first semester (even though a grade and credit has already been earned) to help the student gain more skill in the subject before attempting the second semester another time.

Progress grades are given for the audited course, and those grades will be marked with a # sign on the grade card and transcript. No credit will be awarded for the audit, and the grades are not calculated in the G.P.A. The original grade and credit will remain on the transcript and will be used in the calculation of the student's grade point average.

The student is expected to attend class regularly, maintain satisfactory performance in all class activities, assignments and exams, maintain eligibility status, and follow the expected classroom behavior. Students who refuse to comply with any of the above areas may be removed from class and assigned to study hall.

HONOR ROLL:

There will be one honor roll. Full-time students who earn a grade point average of 3.500 or higher will be named to the honor roll. If you have any questions, please contact Student Services at your convenience. The honor roll will be determined at the end of first and third quarter and first and second semester.

ACADEMIC LETTER:

An Academic Letter is awarded to individuals who have consistently demonstrated outstanding academic performance during the school year. To earn an Academic Letter, students must meet the following requirements:

- Meet the 3.500 g.p.a. requirements of Honor Roll each semester:

  a. Grade 9: First semester of the freshman year.
  b. Grade 10: Second semester of 9th grade and first semester of the 10th grade year.
  c. Grade 11: Second semester of 10th grade and first semester of the 11th grade year.
  d. Grade 12: Second semester of the 11th grade and first semester of the 12th grade year.

- Grades 9-12 students must be enrolled in at least three (3) core courses each semester that qualify and are listed below:

English:

English I
English II
Advanced English III
Advanced English IV
Creative Writing
British Literature

Math:

Algebra I
Geometry
Algebra 2A
Analytic Trigonometry/Pre-calculus
College Algebra
Calculus
Probability and Statistics

Science:

Advanced Biology
Advanced Placement Chemistry
Anatomy and Physiology
Integrated Bioscience
Botany
Integrated Biology
Integrated Earth Science
Special Topics in Science
Differentiated Chemistry
Physics
Zoology

Social Studies:

American Government
American History I, II
Advanced Placement Psychology
Sociology I, II
World History I, II

- The determination of the eligibility is always made at the end of the first semester.
- A chenille letter is presented to first time recipients at the Scholastic Achievement Banquet.
- Thereafter, a pin will be awarded designating the school year for which the Academic Letter is earned (e.g. “2020”)
- Students might make note that some of the scholarships by the Beatrice Educational Foundation require that three of the above courses are taken each semester in grades 9-12.

SCHEDULE CHANGES:

There is a designated period each semester for schedule change requests. Generally, this period is ten days prior to the opening of school through the first two days of school for first semester classes. After this time, **all schedule changes must have administrative approval before the schedule change can occur.** Schedule changes for second semester can occur at any time prior to the beginning of the semester. Schedule changes may be made the first two days of second semester. All freshmen must present proof of parental consent before you may change your schedule. A simple note or phone call to your counselor will be sufficient. All schedule changes must be done through Student Services with your counselor.

DROP and ADD:

- When you drop an eighth class within four (4) weeks of the beginning of the semester, you will receive a grade of "WP" (withdraw passing) or "WF" (withdraw failing), whichever is appropriate. You will receive "0" hours of credit for these marks on your transcript. Students enrolled in a study hall are not considered to be taking eight classes.

- Should you be removed from a class for disciplinary reasons or for lack of satisfactory progress, you will have that class recorded on your transcript as a mark of "F" and will receive no credit.

- If you drop a class after the fourth (4th) week of the semester, your transcript will be marked with an "F" for that class and you will receive no credit. A grade of "WP" or "WF" may be given in extraordinary circumstances with administrative approval.

GRADUATING CLASS DETERMINATION:

Your anticipated date of graduation and graduating class designation is based on the number of credits that you have earned to date. This designation is determined by the number of credits a student can typically earn in a school year and still, realistically, graduate in four years. The categories are as follows:

- Freshman (9th grade) 0 - 59 credit hours
- Sophomore (10th grade) 60 - 119 credit hours
- Junior (11th grade) 120 - 179 credit hours
- Senior (12th grade) 180 - and above

Students who have not met credit requirements equal to the number of years in attendance will be reclassified according to the credits earned.

ARTICULATION, ADVANCED STANDING, ADVANCED PLACEMENT AND DUAL CREDIT:

There are several class descriptions that may include terminology that is new to you. Most of these probably involve new programs at Beatrice High School in cooperation with Southeast Community College – Beatrice and Lincoln campuses.

- **Articulation:** This is an agreement between SCC, or the college of the student's choosing, and BHS that certain course work may receive college credit and/or advanced placement.

  It is important to remember that you must attend Southeast Community College to receive these benefits. The articulation agreement exists only between BHS and SCC.

- **Advanced Placement:** This means that because of a specific class that you took and received the required grade or completed the required competencies you can skip over a specified course(s) at SCC and take the next level of course work. There are two ways to earn Advanced Placement credit. One is through an articulated agreement between a high school and a college; and the other is through taking a national Advanced Placement exam.

- **Advanced Standing:** This means that because of a specific class you took and received the required grade or completed the required competencies, you may be able to waive entry level courses.

- **Dual Credit:** Dual credit simply means that you receive both high school and college credit for a class at the same time. High school course regulations apply. Some elective courses may be taken for dual-credit from either Peru State College or Southeast Community College. Students also earn credits for meeting Beatrice High School graduation requirements. The pace of these classes is accelerated from the normal high school class. This pacing is designed to help prepare the students for taking college level classes in the future and to cover the material necessary to qualify the class as a dual-credit class.

- If the class is taken for dual-credit, students may need to pay a one-time matriculation fee, the tuition fee, have a "C" or higher in the class, and pass the final exam with a grade of 60% or higher to receive college credit. Grades will be based on a ten point scale (90-100% = A; 80-90% = B; 70-80% = C; 60-70% = D; below 60% = F).

- Since this is a dual-credit class, retake exams will not be normally allowed.

- Requirements are that students be a junior or senior*; have a cumulative g.p.a. minimum of a "B" average; and be recommended by high school staff. Courses are subject to administrative and college approval. Check with your counselor and/or the registrar at BHS for more specific information.

*Sophomores that have been formally identified as high ability, gifted, or academically above others, may also take some of the courses subject to administrative approval.

CLASS FEES:

Some of the classes for which you register may require a fee to cover the materials that you will consume during the course. Examples of such classes are Art, Industrial Technology classes, et cetera. If you are enrolled in more than one class that requires a fee, you will be given an opportunity to set up a monthly payment plan with the school administration.

- The District's policy is to provide fee waivers in accordance with the Public Elementary and Secondary Student Fee Authorization Act. Students who qualify for free or reduced price lunches under the United States Department of Agriculture child nutrition programs, may request a fee waiver. Students interested in this procedure should contact the high school office.

Course descriptions will indicate if a fee is required. Students should read course descriptions for that information.

ADDITIONAL INFORMATION ON EARNING A DIPLOMA:

Not everyone finishes their course work at the same time. As long as you meet graduation requirements, you can receive a diploma. The earliest you can finish is at the end of the seventh (7th) semester, or you can continue until you meet requirements or turn twenty-one (21) years of age.

EARLY GRADUATION:

Early graduation from Beatrice High School will be made on the recommendation of the school principal provided that application requesting to leave school early has been completed before November 15 of the last semester and provided the student has attended an accredited high school with the final semester's credit being earned in this school. Students must have earned the required number of total credits as well as specific department credits, and have completed the final check-out form.

The specific steps to follow are:

- Before November 1, arrange a face-to-face conference with you, your parents, and your counselor to discuss your mid-term request.
- Complete the application form in which the student states his/her reason for desiring to leave school early, the counselor indicates the course work remaining and parents give their written permission to leave school at the end of first semester.
- Before November 15, the principal will arrange a conference with you and your parents to present and discuss the application.
- During the last week of the semester, students who are approved by the principal to graduate early, must pick up a final check-out sheet from the counselor's office, take it to the teachers and offices indicated for final clearance and return it to the counselor's office.

While your diploma will be dated December of the year you graduate, the diploma will not be conferred (issued) until the graduation ceremony in May. You will be considered an official graduate and your high school transcript will indicate the last day of the first semester as your graduation date.

LATE GRADUATION:

There are times when a student is unable to complete their required course work in time for graduation. If a student is within ten (10) credit hours from graduating, that student may be able to complete their course work during the summer. There is more than one way that this might be accomplished.

- Beatrice High School offers summer school. By working with your counselor and the administration, you may be able to receive up to ten (10) hours of credit toward graduation.
- A student may be working on a correspondence course. If the course can be completed by August, it can be applied toward late graduation.

Your diploma will not be conferred until September 1st. You will be considered an official graduate at that time and your high school transcript will indicate September 1 as your graduation date.

SUMMER COURSE WORK:

Course work completed during the summer, summer classes transferred from another school district, and correspondence courses will have a separate grading period. The deadline for completion will be August 1.

Correspondence work completed after May 1 will be recorded in August.

NSAA ELIGIBILITY:

If you did not pass enough courses second semester to be eligible for NSAA sanctioned activities, you may take up to ten (10) credit hours in the summer courses to become eligible for the fall term.

GENERAL EDUCATIONAL DEVELOPMENT (G.E.D.) CERTIFICATE:

Students who are at least 18 years of age and are permitted by their parents to leave school early and not receive a high school diploma are encouraged to enroll in the high school equivalency testing program and take the G.E.D. test. There is a sixty (60) day waiting period between officially withdrawing from school and taking the G.E.D. test. The Beatrice Public Schools will **not** request that the State Department of Education waive this rule so that students may take the test early!

For more information, call the Basic Adult Education Program at Southeast Community College-Beatrice campus. Those students who have completed a GED are no longer eligible for high school enrollment.

Appendix 1: Overview of Entrance Requirements:

The Board of Regents have established a set of entry requirements for all campuses of the University of Nebraska. In addition to being graduates of an accredited high school, or equivalent, all students seeking entry to the University must have successfully completed a core of selected high school courses spread over a number of disciplines. Additionally, students are required to meet performance criteria by being in the top half of their graduating high school class **OR** must meet certain performance criteria, based on scores on national examinations. The entrance requirements incorporate a process for admitting students who do not meet one or more of the admission criteria, yet show promise of academic success.

Core Course Requirements:

The core course requirements are summarized in the following broad area of subject matter in which one (1) unit represents one (1) full year of study:

English	4 Units	Foreign Language	2 Units**
Mathematics	3 Units*	Additional Requirements	1 Unit***
Social Studies	3 Units		
Natural Sciences	3 Units		

*Pre-Algebra does not count in unit requirements.

More detail of the courses that are required in each of these broad areas on the following page.

Performance Requirements:

In addition to meeting the above core course requirements, students seeking admission to the University on any campus shall:

- Be ranked in the 50th percentile or higher of their graduating class in an accredited high school
- **OR** have received an ACT composite score of 20 (enhanced) or greater
- **OR** have received an SAT total score of 950 or greater

** Students who are unable to take two years of foreign language may still qualify for admission through a special process. Such students will be required to take two semesters of foreign language at the University of Nebraska. These students are still required to complete 16 units of academic courses.

*** For UNL this will be an additional unit of mathematics for a total of 4 units of mathematics. For UNO and UNK this will be an academic elective.

University of Nebraska – Core Course Requirements Insert

CATEGORY	UNITS*	UNIVERSITY-WIDE REQUIREMENTS		
English	4 units	All units must include intensive reading and writing experiences. Innovative interdisciplinary courses and courses in speech and journalism may be substituted if they include substantial amounts of reading and writing.		
Mathematics	3 units	Algebra I, Algebra II and Geometry^		
Social Studies	3 units	1 unit drawn from American and/or World History; 1 additional unit drawn from history. American Government and/or Geography; and a third unit drawn from any social science discipline.		
Natural Sciences	3 units	At least 2 units selected from Biology, Chemistry, Physics and Earth Sciences. One (1) of the above units must include laboratory instruction.		
Foreign Language	2 units	Both units must be in the same language**		
Additional Academic Requirements	1 unit	**UNK** 1 unit chosen from from any academic discipline	**UNL** Mathematics: 1 additional unit that builds on a knowledge of Algebra	**UNO** 1 unit chosen from any academic discipline
Total Units	16 units	16 units	16 units	16 units

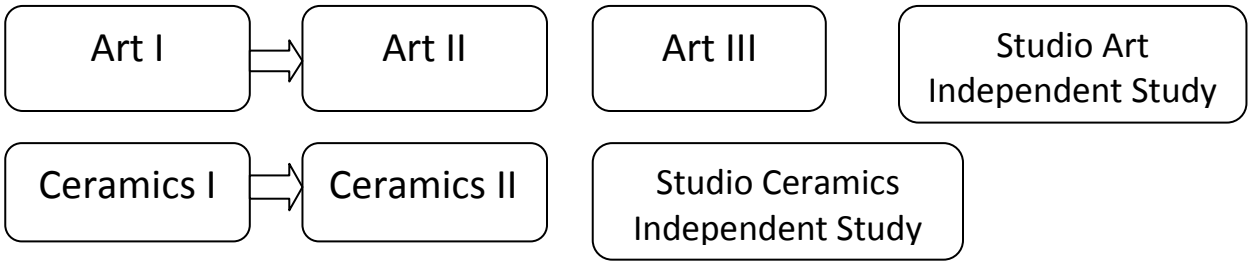
*A unit is a Carnegie Unit, comprising high school study for a period of one year. Equivalent requirements or competencies may be substituted, with the approval of the appropriate University campus.

^Students seeking admission to UNL will be required to complete an additional unit of mathematics (see Footnote ^^ below)

**Students who are unable to take two years of foreign language in high school may still qualify for admission. Such students will be required to take two semesters of foreign language at the University of Nebraska. These students are still required to complete 16 units of academic courses for admission

^^It is not required that all students seeking entry to UNL take a trigonometry or pre-calculus course for their fourth unit of mathematics. Other mathematics courses that build on two years of algebra courses in statistics or discrete mathematics for example may be taken to satisfy this requirement.

ART DEPARTMENT (elective)



NAME OF COURSE: **Art I Beginning Drawing/Painting** **LENGTH OF CLASS:** one semester
PREREQUISITE: none

Art I Beginning Drawing/Painting is a beginning course that provides students with a solid foundation in art. Art I focuses on observation, technique, composition, and construction techniques. During this course, students will be exposed to a variety of art mediums, and will leave this course with a diverse portfolio and wealth of knowledge about art. Additionally, students will be required to pay a $10.00 studio fee.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Tests and quizzes on concepts and terminology
d. Written evaluations and presentations of artwork

NAME OF COURSE: **Art II Intermediate Drawing/Painting** **LENGTH OF CLASS:** one semester
PREREQUISITE: Grade of B in Art I

The intent of this course is to continue teaching students about art, and expand on the concepts taught in Art I. Students will improve their skills of observation, explore new techniques and styles, and develop critical thinking skills. Additionally, students will be required to pay a $10.00 studio fee.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Tests and quizzes on concepts and terminology
d. Written evaluation and presentations of artwork

NAME OF COURSE: **Art III Advanced Drawing/Painting** **LENGTH OF CLASS:** one semester
PREREQUISITE: Grade of B in Art II

This course is designed for the advanced art student and focuses on interpretation and communication of ideas and concepts. Student will learn how to portray emotions, translate their worldview, develop a thematic series of work, and create a portfolio. Additionally, students will be required to pay a $10.00 studio fee.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Written evaluation and presentations of artwork

NAME OF COURSE: **Studio Art** **LENGTH OF CLASS:** one year
PREREQUISITE: Grade of B in Art III, Juniors and Seniors

This course is designed for the advanced art student and is a continuation of Art III. Students will practice independent art skills by developing a personal style incorporated into a series of work. This course is meant for 11th and 12th grade students who intend to continue art past high school. Additionally, students are required to pay a $10.00 studio fee. This course can be taken more than once.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Written evaluations and presentations of artwork

NAME OF COURSE: **Ceramics I** **LENGTH OF CLASS:** one semester
PREREQUISITE: none

This is a course for students who are interested in learning about clay. Ceramics I focuses on basic hand building concepts, wheel techniques, studio terminology, and historical connection. Students will practice making functional and aesthetic driven works using a variety of techniques. Additionally, students are required to pay a $10.00 studio fee.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Tests and quizzes on concepts and terminology
d. Written evaluations and presentation of artwork

NAME OF COURSE: **Ceramics II**

LENGTH OF CLASS: one semester
PREREQUISITE: Grade of B in Ceramics I

This course is for students who want to continue learning about ceramics. Ceramics II challenges artists to think creatively, practically, and critically. This course is a continuation of Ceramics I and increases artistic knowledge. Additionally, students are required to pay a $10.00 studio fee.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Tests and quizzes on concepts and terminology
d. Written evaluations and presentation of artwork

NAME OF COURSE: **Studio Ceramics**

LENGTH OF CLASS: one year
PREREQUISITE: Grade of B in Ceramics II

This course is for the advanced art student. Studio Ceramics teaches students to work as independent artists by portraying ideas, concepts, and themes in an aesthetic format. By the end of the course, students will have created a series of work and a portfolio. Additionally, students will be required to pay a $10.00 studio fee. This course can be taken more than once.

EVALUATION:

a. Completed works
b. Student effort, participation, and use of work time
c. Written evaluations and presentation of artwork.

BUSINESS, MARKETING AND INFORMATION TECHNOLOGY – (elective)

To be economically literate and informed citizens, wise consumers and competent workers, each person must have some understanding of the world of business and how it functions. The business education department plays a very important part in providing students at all levels with the ability to function effectively in our business world.

The business education department has, as its main objectives, the training of business occupations workers and the development of acceptable attitudes and understandings in the areas of basic business courses.

***ADVANCED PLACEMENT IN ACCOUNTING FOR COLLEGE:** Students who complete two years of accounting with grades of A or B at Beatrice High School may receive advanced placement at Southeast Community College-Beatrice. **Advanced placement** may also be earned at UN-L and other institutions by successfully completing two years of accounting at BHS.

NAME OF COURSE: Accounting

LENGTH OF CLASS: one year
PREREQUISITE: grades 11-12

This course covers sole proprietorship and corporation accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls.

NAME OF COURSE: Advanced Accounting

LENGTH OF CLASS: one year
PREREQUISITE: Accounting

This course includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems, and further enhancement of accounting skills. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer.

NAME OF COURSE: Business Law

LENGTH OF CLASS: one semester
PREREQUISITE: grades 11-12
Intro to Bus/Market/Manage or
Instructor Approval

This course is designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation, and constitutional issues including civil and criminal law.

NAME OF COURSE: Introduction to Business/Marketing and Management

LENGTH OF CLASS: one semester
PREREQUISITE: none

This course is designed as an introductory overview of the Business, Marketing and Management Career Field. Units of study include economics systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

NAME OF COURSE: Entrepreneurship

LENGTH OF CLASS: one semester
PREREQUISITE: Introduction to Business/Marketing and Management or Instructor approval

Entrepreneurship is a **hands-on, interactive** course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship.

NAME OF COURSE: Beyond High School~~ BHS-Personal Finance and BHS-Career Ed

LENGTH OF CLASS: one semester
PREREQUISITE: Juniors

(this course will be delivered and graded as individual classes—each one quarter in length)

Beyond High School is a REQUIRED and integrated semester course on careers and personal finance that is required for graduation and typically taken during the junior year. This course is designed to help students pursue their personal goals toward college and career readiness and will help students become financially informed and responsible members of society.

This course will allow students to:

- Set goals and adjust their personal learning plan to identifying their interests, skills and values through academic and career planning.
- Experience a required Job Shadow based on their personal interests and strengths.
- Develop understanding and skills in money management, budgeting, financial goal setting, use of credit, insurance, investments and consumer rights and responsibilities.

The Beyond High School class is designed to help students follow their personal goals and successfully make the transition from high school to postsecondary education, the workforce, or military based on knowledge of self, career goals and financial consideration.

NAME OF COURSE: Information Technology Applications I

LENGTH OF CLASS: one semester
PREREQUISITE: none

Students will explore emerging technologies as it applies to their success for high school, college, and career. The focus will be on the importance of digital citizenship, professional communication practices, advanced document processing, professional presentations, and intermediate spreadsheet and database applications used personally and professionally.

NAME OF COURSE: Information Technology Applications II

LENGTH OF CLASS: one semester
PREREQUISITE: Info Tech Apps I

This course will focus on skill development in advanced spreadsheet and database, integration of applications utilizing advanced features, and exploring web technologies. Skills, standards, and course work align with industry certifications.

Career Academy Opportunities
Students must be 16 and at least an 11th grader

Career Academies are a cooperative effort between BHS and Southeast Community College. The majority of these classes are taught on-line. SCC covers half of the tuition cost and the student is responsible for the other half. Students may be responsible for purchasing the required instructional materials.

Career Academy Agriculture Course Sequence:

Year One:

AGRI 1000 Intro to Agriculture and Horticulture Technologies (4.5 quarter credits at SCC; 5.0 semester hours at BHS) First Semester

Introduction to fundamental skills and knowledge base necessary to succeed in the crops, livestock, horticulture and business sectors of the agriculture industry.

AGRI 1216 Agribusiness Management (4.5 credits quarter credits at SCC; 5.0 semester hours at BHS) Second Semester

Introduction to management principles in agribusiness. Management simulation and computer systems illustrate the decision-making process.

Year Two:

AGRI 1131 Crop and Food Science (4.5 quarter credits at SCC; 5.0 semester hours at BHS) First Semester

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

AGRI 1257 Live Animal Selection and Carcass Evaluation (4.5 quarter credits at SCC; 5.0 semester hours at BHS) Second Semester

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.

Career Academy Business, Marketing and Management Course Sequence:

Year One:

BSAD 1050 Introduction to Business (4.5 quarter credits at SCC; 5.0 semester hours at BHS) First Semester

Introductory study and overview of the role of business; discussion of the various disciplines of business, business organization, management, marketing, human resource management, and finance. Study and discussion of various strategies for success of specific public and private firms and small business. Business vocabulary used to understand and interpret business news and information.

ENTR 1050 Introduction to Entrepreneurship (4.5 quarter credits at SCC; 5.0 semester hours at BHS) Second Semester

Evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. Understand the role of entrepreneurial businesses in the US and the impact on our national and global economy.

Year Two:

BSAD 2520 Principles of Marketing (4.5 quarter credits at SCC; 5.0 semester hours at BHS) First Semester

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

BSAD 2540 Principles of Management (4.5 quarter credits at SCC; 5.0 semester hours at BHS) Second Semester

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.

Career Academy Education Course Sequence:

Year One**:**

EDUC 1110 Introduction to Professional Education (4.5 quarter credits at SCC; 5.0 semester hours at BHS) **First Semester**

Overview of education in the US viewed in terms of history, philosophy, finance, and governance. Encourages critical thought regarding the role of education in our multicultural society, role of teacher, and educational practices in schools. Designed to help students explore education as a prospective career.

OR

ECED 1150 Introduction to Early Childhood Education ONLINE (4.5 quarter credits at SCC; 5.0 semester hours at BHS) **First Semester**

Overview of early childhood education. History, trends, philosophies of programs, diversity, inclusion, licensing standards, current legislation, professionalism, and advocacy are examined.

EDUC 2590 Instructional Technology (4.5 quarter credits at SCC; 5.0 semester hours at BHS) **Second Semester**

Introduction to variety of technologies and strategies for use in instructional process to accommodate all learners. Focus will be on social, ethical, legal, and human issues surrounding use of technology.

Year Two:

SOCI 1010 Introduction to Sociology (4.5 quarter credits at SCC; 5.0 semester hours at BHS) **First Semester**

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

OR

PSYC 1810 Introduction to Psychology (4.5 quarter credits at SCC; 5.0 semester hours at BHS) **First Semester**

Introduction to science of psychology, including the study of learning theory, memory, personality, growth and development, neurological aspects, abnormal behavior therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

Career Academy Education Course Sequence (continued):

Year Two (continued):

PSYCH 2960 Life-span Human Development (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

Integration of basic concepts and principles of physical, cognitive and psychosocial development 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 parents/prospective parents.

OR

ECED 1120 Preschool Child Development (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

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

Career Academy Health Sciences Course Sequence:

Year One:

NONCR Introduction to Health Careers
First semester

Offered for high school credit only. Purpose is to introduce students to the broad range of career opportunities in health care field.

AND

MEDA 1101 Medical Terminology (2 quarter credits at SCC; 5.0 semester hours at BHS)
First Semester

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

SOCI 1010 Introduction to Sociology (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

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

OR

PSYC 1810 Introduction to Psychology (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

Introduction to science of psychology, including the study of learning theory, memory, personality, growth and development, neurological aspects, abnormal behavior therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

Year Two:

PSYCH 2960 Life-span Human Development (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
First Semester

Integration of basic concepts and principles of physical, cognitive and psychosocial development 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 parents/prospective parents.

Career Academy Health Sciences Course Sequence (continued):

FSDT 1350 Basic Nutrition (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

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

Career Academy Nursing Assistant Course Sequence:

Year One:

NURA 1401 Nursing Assistant (6.5 quarter credits at SCC; 5.0 semester hours at BHS)
First Semester

Course teaches basic nursing skills such as bathing, feeding, ambulation, transferring, and toileting. Approved by 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 assistant may work in long-term care facilities, hospitals, home health care, hospice or mental health facilities. Duration of one semester online or face-to-face.

SOCI 1010 Introduction to Sociology (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

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

OR

PSYC 1810 Introduction to Psychology (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

Introduction to science of psychology, including the study of learning theory, memory, personality, growth and development, neurological aspects, abnormal behavior therapies, intelligence, motivation, emotion, sensation, perception, and theoretical perspectives.

Year Two:

PSYCH 2960 Life-span Human Development (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
First Semester

Integration of basic concepts and principles of physical, cognitive and psychosocial development 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 parents/prospective parents.

FSDT 1350 Basic Nutrition (4.5 quarter credits at SCC; 5.0 semester hours at BHS)
Second Semester

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

Career Academy Welding Course Sequence:

Year One:

WELD 1117 Oxy Theory (2 quarter credits at SCC, 20 class hours; 5.0 semester hours at BHS)

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

AND

WELD 1119 Oxy Welding and Cutting (3 quarter credits at SCC, 10 class hours, 60 lab hours; 5.0 semester hours at BHS)

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

AND

WELD 1110 SMAW Theory (2 quarter credits at SCC, 20 hours; 5.0 semester hours at BHS)

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

AND

WELD 1112 SMAW Lab I (4 quarter credits at SCC, 20 class hours, 60 Lab hours; 5.0 semester hours at BHS)

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

Year Two:

WELD 1122 GMAW Theory (3 quarter credits at SCC, 30 class hours; 5.0 semester hours at BHS**)**

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

AND

WELD 1124 GMAW Lab I (3 quarter credits at SCC, 10 class hours, 60 lab hours; 5.0 semester hours at BHS)

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

AND

WELD 1126 GMAW lab II (3 quarter credits at SCC; 5.0 semester hours at BHS)

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

There is an additional $20.00 lab fee to cover the cost of gloves, safety glasses and other related items required for class.

COMMUNICATION ARTS DEPARTMENT (requirement – five hours)

Five hours of Communication Arts is required.

One semester selected from these communications arts courses must be taken by all students to fulfill graduation requirements:

Speech	Journalism I
Introduction to Theatre	Oral Communications

These communications courses are also offered and count as electives:

Advanced Theatre	Newspaper
Play Production	Yearbook

NAME OF COURSE: Advanced Theatre

LENGTH OF CLASS: one semester
PREREQUISITE: Introduction to Theatre, grade of B or above, or Play Production OR Instructor approval

This course focuses on practical application of specific theatre skills in both technical and acting areas. Students will be required to develop and complete projects with other classmates and the instructor. Each student will be responsible for memorization, coordination of events, and technical production of a play. Students will be required to rehearse and work on the spring play outside of class. This course may be repeated with instructor approval.

NAME OF COURSE: Speech

LENGTH OF CLASS: one semester
PREREQUISITE: none

This course is designed for students who wish to compete on the speech team and prepare for tournaments. There are eight events: 1) persuasive speaking; 2) entertainment speaking; 3) informative speaking; 4) extemporaneous speaking; 5) oral interpretation of poetry; 6) oral interpretation of drama; 7) oral interpretation of prose literature—serious and humorous; and 8) duet acting. Students should have mastery over basic language skills and simple organizational techniques. Each student, with the instructor, will determine individual goals based on his/her experience and skill to earn his/her grade. The course involves research, formal writing, analysis, and performance skills. Each student will be required to compete in one critiqued public performance. This course may be repeated. This course meets the communication requirement for graduation.

NAME OF COURSE: Introduction to the Theatre

LENGTH OF CLASS: one semester
PREREQUISITE: none

Introduction to the Theatre is a survey course covering the origins of theatre in Western Civilization to present day. The class will concentrate on various aspects of theatre, stressing history, performance, and technical theatre. Students will be required to perform on an individual and group basis in conjunction with the specific pieces of theatre that are examined. Students are encouraged to attend theatrical productions, participate in production crews, and develop a basic working knowledge of theatre vocabulary and theatrical techniques. This course meets the communication requirement for graduation.

NAME OF COURSE: Journalism I

LENGTH OF CLASS: one semester
PREREQUISITE: none

Journalism I is the study of the process of collecting, writing, editing, and publishing the news. Units included in this course are leads, news stories, feature stories, in-depth stories, sports stories and editorials. There are also units in advertising, history, ethics and yearbook production. Students will also be required to work with the Beatrice Public Schools website and produce articles to create a content-rich and visually pleasing website.

NAME OF COURSE: Oral Communications

LENGTH OF CLASS: one semester
PREREQUISITE: none

This course covers the communication theory that will help students communicate in everyday situations, group situations, and public speaking situations. Written work, group exercises, and formal oral presentations are among the classroom activities. Students present original speeches and there is considerable classroom help to aid the students in preparing and delivering them. Those students planning to attend college will find this course helpful in completing required college speech courses. This course meets the communication requirement for graduation.

NAME OF COURSE: Play Production

LENGTH OF CLASS: one semester
PREREQUISITE: Intro to Theatre OR Instructor approval

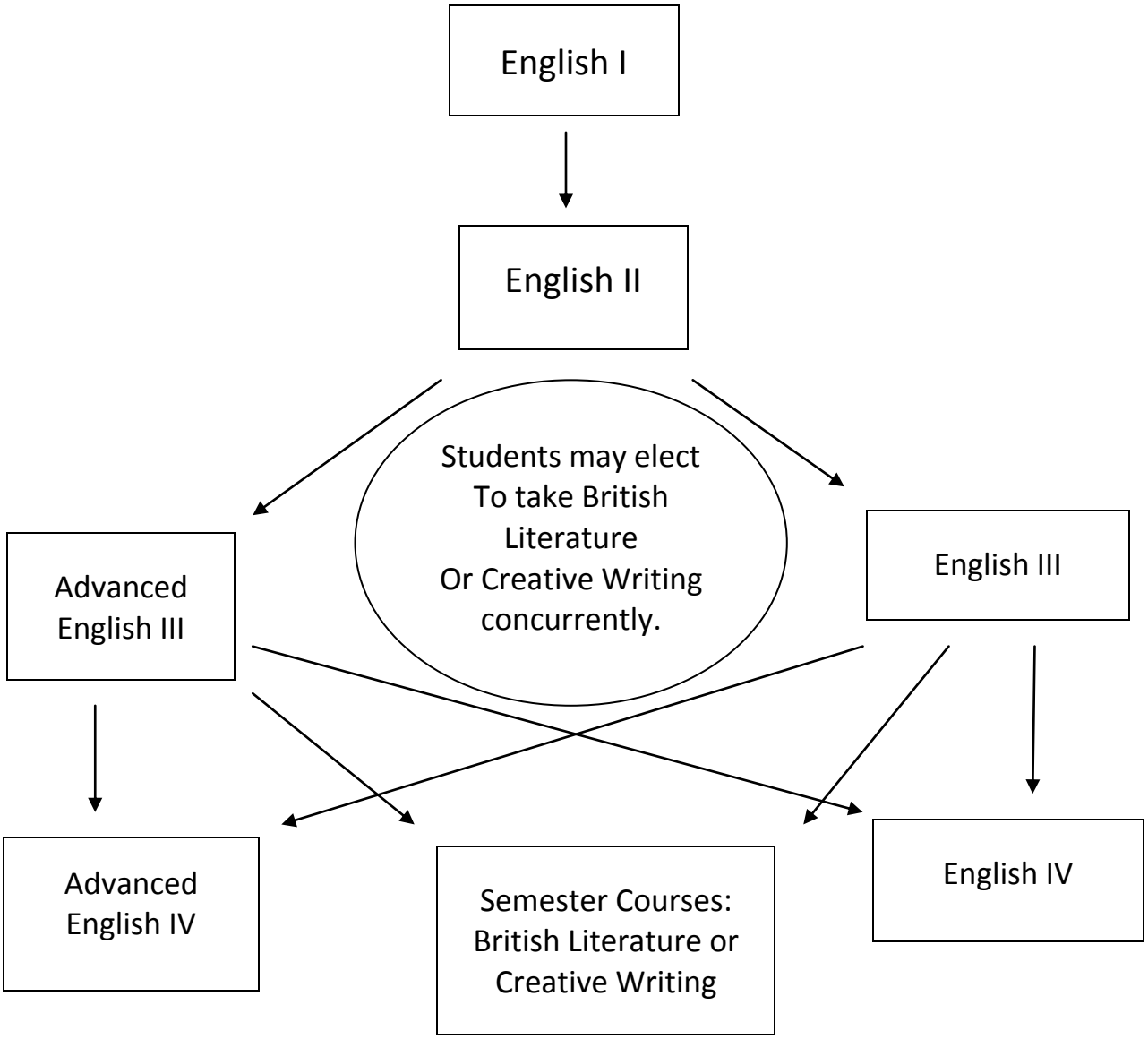
Play Production is designed to provide students who are interested in theatre, the opportunity to act and perform tech on a higher level. Students will produce a one-act play for competition. Students will be required to rehearse and work on the one-act play outside of class as well as to participate at district contest and required public and school performances. This is a performance-oriented class. This course does not meet the communications requirement for graduation.

NAME OF COURSE: Yearbook

LENGTH OF CLASS: two semesters
PREREQUISITE: Journalism I grade of B; and instructor approval

Students will write for and layout THE HOMESTEADER, the school yearbook. Students will also be in charge of sales and raising money for the yearbook. Students in this class will participate in contests, conferences and workshops in journalism. This course may be taken more than one year. Staff members will be selected in the spring for the next school year and at the end of first semester for second semester.

English Pathway



ENGLISH DEPARTMENT – (Requirement - forty hours)

NAME OF COURSE: English I

LENGTH OF CLASS: one year
PREREQUISITE: none

The major purpose of this course is to prepare students for the classes they will be taking in literature and composition throughout high school and college. Students will engage in an overview of major genres in literature including short story, non-fiction, poetry, drama and novel. Selections from each of these types of literature will acquaint students with what they will encounter in future courses. Inference skills will be stressed. Modes of writing will include interpretation of literature and research. Students will also spend time developing their understanding of grammar and the writing skills.

NAME OF COURSE: English II

LENGTH OF CLASS: one year
PREREQUISITE: English I

Students will continue to develop their understanding of the elements of composition studies and literature. Students will write compositions to reflect, persuade, compare, and analyze literature. This course will also include units of grammatical study. Students will read and examine a variety of literary works including Julius Caesar and To Kill a Mockingbird.

NAME OF COURSE: English III

LENGTH OF CLASS: one year
PREREQUISITE: English II

English III is a year-long course that encompasses both composition and literature objectives. Students will compose a variety of pieces linked thematically to American literature throughout the course. Writing instruction will include sentence structure as well as content organization. Literature content will include primarily classic selections of several different genres including, but not limited to, poems, short stories, novels, and dramas. Students will also study nonfiction selections.

NAME OF COURSE: Advanced English III

LENGTH OF CLASS: one year
PREREQUISITE: English II and application

Advanced English III is a year-long course encompassing both composition and literature objectives. One semester will involve an in-depth study of American literature beginning with the Puritans and ending with a selection from the early-twentieth century. **Students must be willing and able to read authentic selections of classic literature with elevated vocabulary.**

The second semester of the class will be dedicated to the study of sentence structure and to the composition of a variety of essays. Students enrolled in the course must complete an additional writing assignment developed by a SCC instructor.

***With paid tuition to Southeast Community College, students may earn dual college credit. The corresponding title of the SCC class is Composition I (ENGL 1010). Students must have a semester average of a C or above to earn this college credit. Successful completion of Composition I is a **prerequisite** for two additional English dual credit opportunities – Composition II and Introduction to Literature – both offered through Advanced English IV.

- All students enrolled in Advanced English III will write an essay using a prompt designed by an instructor at Southeast Community College, regardless of SCC enrollment status.
- Successful completion of this course would yield 4.5 quarter credit hours (3 semester hours).

NAME OF COURSE: English IV

LENGTH OF CLASS: one year
PREREQUISITE: English III or Advanced English III

This year-long course involves the study of both composition and literature. The literature includes a study of a variety of genres from throughout the world. Students will write literary analysis compositions directly linked to the literature. In addition, students will write formal research papers. Composition exercises will include review of Standard English spelling, punctuation, and sentence structure as well as sentence combining, identifying and using a variety of modifiers, using parallel structure, checking agreement of subjects/verbs and pronouns/ antecedents, and recognizing passive and active voice.

NAME OF COURSE: Advanced English IV

LENGTH OF CLASS: two semesters
PREREQUISITE: English III and application

This year-long course involves the study of both composition and literature during separate semesters. One semester includes an in-depth study of literature of authors from the Americas, Europe, Asia, and Africa. Selections will encompass numerous periods of history. Upon entering the course, students will be expected to write in analytical essay form.

During the other semester of the class, students will become familiar with the requisite processes involved in writing an effective research paper. In the process, students will learn to identify and evaluate potential sources, acknowledge and respond to opposing arguments, use a variety of sources, incorporate source information and language into the students' argument, and master format expectations according to the MLA Handbook.

Composition exercises will include review of Standard English spelling, punctuation, and sentence structure as well as sentence combining, identifying and using a variety of modifiers, using parallel structure, checking agreement of subjects/verbs and pronouns/antecedents, and recognizing passive and active voice.

***With paid tuition to Peru State College, students may earn dual college credits. While this class is open to any senior wishing to pursue the rigors of a college-level course, only students who have successfully completed Advanced English III for dual credit (Composition I) may elect to take this class for dual credit. All students will complete an additional writing assignment and exam, but only those enrolled in the class for dual credit will submit their work to a Peru State instructor.

The corresponding titles of the Peru State classes are Advanced English Composition (ENG 201) and Appreciation of Literature (ENG 202). A grade of C or above in the course would yield 3 semester hours each.

NAME OF COURSE: British Literature

LENGTH OF CLASS: one semester
PREREQUISITE: grades 11-12

Students are required to read a variety of British Literature: Hardy (*Tess of the D'Urbervilles*), Conrad (*Heart of Darkness*), Swift (*A Modest Proposal*), Shakespeare (*Hamlet*), Beowulf, Chaucer (*Canterbury Tales*), Orwell (*1984*), and others. Discussions of the literature will include references to current and historical events. Tests are primarily essay in nature. The student will be expected to write analytical essay answers. Most class work will be completed outside the classroom.

NAME OF COURSE: Creative Writing

LENGTH OF CLASS: one semester
PREREQUISITE: grades 11-12

Creative Writing is a one semester course for students with a serious interest in reading and producing good writing. Students will be offered quality reading experiences in poetry, short story, drama, humor, essay, and journal/memoir. In becoming more aware of the demands and conventions of the various genres, students will create original works, some of which may be submitted for local publication.

ENRICHMENT COURSES (elective)

NAME OF COURSE: Correspondence Work

LENGTH OF CLASS: As arranged
PREREQUISITE: Approval

High school correspondence work taken through a university or Odysseyware may be accepted toward meeting graduation requirements. Ordinarily, no more than twenty hours of correspondence work will be accepted, and students will not be permitted to use correspondence work to meet graduation requirements if equivalent courses are available in the regular high school program. The principal must approve of all correspondence courses before they are begun; the student must bear the cost. Students are limited to enrollment in one correspondence course at a time. Work must be done prior to graduation. Extensions of this deadline may be granted with administration approval.

NAME OF COURSE: Independent Study

LENGTH OF CLASS: one semester
PREREQUISITE: Senior or Administrator and Instructor permission

Independent Study presents an opportunity for a senior to pursue the study of a special area of interest not offered in the formal curriculum. Enrollment in the study must be initiated by an interested student who has enlisted the cooperation and assistance of a faculty advisor who feels he/she has the time to devote to the project and who is willing to direct him/her in the pursuit of the study.

Independent study will not count as one of the six required courses per semester nor does the course/grade count for academic letter. Only students making satisfactory progress in the courses in which they are regularly enrolled will be permitted to pursue independent study. Students will not be permitted to use independent study courses to meet graduation department requirements.

An outline of the proposed independent work must be discussed with and approved by the faculty advisor and either the principal or assistant principal.

The following procedures should be used by the student and faculty advisor in carrying out an independent study:

1. Tentatively agree:
    a. Upon the area to be covered by the independent study
    b. On the activities to be carried out during the study
    c. On the evidence the student will produce indicating his progress with the study
    d. On the procedure to be used in evaluating the study
    e. On the amount of credit to be assigned for the study
2. Arrange a meeting with the principal or assistant principal, the student and the faculty member and present the proposal for the study for joint discussion/revision, and approval
3. All three sign the agreed upon proposed study, file the signed copy in the student's permanent record folder, and complete a schedule change with the counselor
4. Conduct the agreed upon study under the guidance of the faculty advisor
5. Present the completed study to the faculty advisor and principal or assistant principal
6. Evaluate and agree upon the grade (faculty advisor and principal or assistant principal) on the completed study
7. Submit the final grade, and credit to Student Services for recording of the student's record.

NAME OF COURSE: Student Aide **LENGTH OF CLASS:** one semester
PREREQUISITE: grades 10-12

The Student Aide program is offered for tenth, eleventh and twelfth grade students who are interested in exploring certain areas of the high school operation; for example, office worker, library assistant, or teacher assistant. Any student wishing to be a student aide must have: (1) administrative approval; (2) teacher approval; AND (3) be in good standing during the previous semester. This includes having no serious disciplinary referrals and an allowable amount of absences and tardies.

The teacher and the student will present a written working agreement to the principal for approval. There will not be outside work. Any student that is a student aide would be given 2.5 hours of credit for each period they are an aide, but the grade given would be pass/fail. Students must be enrolled by the fourth week of each semester to receive full credit. Students enrolled after the fourth week may be an aide but will receive prorated semester credit. Students will not be allowed to be in Career Academy Introduction to Education and a student aide for credit during the same semester. Teachers may have a maximum of two student aides during the school day.

DUAL CREDIT OPPORTUNITIES:

BHS Course Name:	**College Course Name/Number/Hours**:	**College:**
Anatomy & Physiology	Human Anatomy BIOL210 4 semester hours	Peru
Advanced Biology	General Biology BIOL130 4 semester hours	Peru
Botany	Intro to Botany BIOL101 4 semester hours	Peru
English III, Advanced	Composition I ENGL1010 4.5 quarter hours	SCC-Beatrice
English IV, Advanced	Adv English Composition ENG201 3 semester hours	Peru
English IV, Advanced	Appreciation of Literature ENG202 3 semester hours	Peru
Physics	General Physics I PHYS201 5 semester hours	Peru
Pre Calc/Analytic Trig	College Algebra with Trig MATH 113	Peru
Probability and Statistics	Statistics STAT 210	Peru
Zoology	Introductory Zoology	Peru

LIFE MANAGEMENT DEPARTMENT (elective)

Family and Consumer Sciences education refers to an educational program designed to assist individuals and families with knowledge and skills to meet the challenges of everyday living. This program consists of instructional programs, included but not limited to: consumer education, food and nutrition, family living and parenthood education, child development and guidance, and careers related to Family and Consumer Sciences.

NAME OF COURSE: Sewing Basics

LENGTH OF CLASS: one semester
PREREQUISITE: None

This course is designed to get you comfortable with a sewing machine and teacher you pattern layout, cutting, essential construction skills and finishing techniques. Choose your own project. The class will include a full orientation on supplies (supplied on your own or discussion with teacher); a discussion on the type of project you would like to do (clothing, home décor, quilting, crafts, etc.) and an introduction to the sewing machine. Remaining time will be spent completing an easy pattern project of your choice. At the end of class, you will have the skills to take off on your own sewing adventures.

NAME OF COURSE: Families in Crisis

LENGTH OF CLASS: one semester
PREREQUISITE: None

In this course, students identify positive and negative impacts on families including stress, changes in the family life cycle, grief and loss, and mental health disorders. Students will compare and contrast counseling services needed to support families and the types of services available to address conflict and abuse.

*******To progress through the Culinary program of study, students must receive a C or higher in each course.**

NAME OF COURSE: Fundamentals of Food and Nutrition

LENGTH OF CLASS: one semester
PREREQUISITE: None

This course is designed to provide students with the base foundation knowledge of food selection and preparation needed to successfully fuel the human body through consumption of food and resulting food energy. With a beginning foundation of nutrition and food science, students will learn basic preparation skills, the reason behind the reactions of foods and the short-term and long-term wellness consequences as a result of nutritional intake, and exposure to careers related to the food industry.

NAME OF COURSE: ProStart I

LENGTH OF CLASS: one semester
PREREQUISITE: Fundamentals of Foods and Nutrition

The ProStart I is a program of the National Restaurant Association Educational Foundation that introduces students to career opportunities in the restaurant and food service industry and provides them with foundational skills in culinary arts and restaurant management that will jump-start their post-secondary experience, in college and/or careers.

NAME OF COURSE: ProStart II

LENGTH OF CLASS: one semester
PREREQUISITE: ProStart I

ProStart II is a companion to ProStart I from the National Restaurant Association Educational Foundation. Students will explore the world of culinary arts and hospitality management as they learn about topics such as nutrition, marketing, and food preparation. Prior to beginning this course, there will be a review of safety, sanitation and kitchen essentials.

*******To progress through the Early Childhood Education and Services program of study, students must maintain a C or higher in each course.**

NAME OF COURSE: Child Development

LENGTH OF CLASS: one semester
PREREQUISITE: none

This course integrates knowledge, skills and practices necessary for nurturing the growth and development of children. The study of the biological, psychological and social development factors as related to the development of young children will be studied in addition to the parenting and child care/education practices.

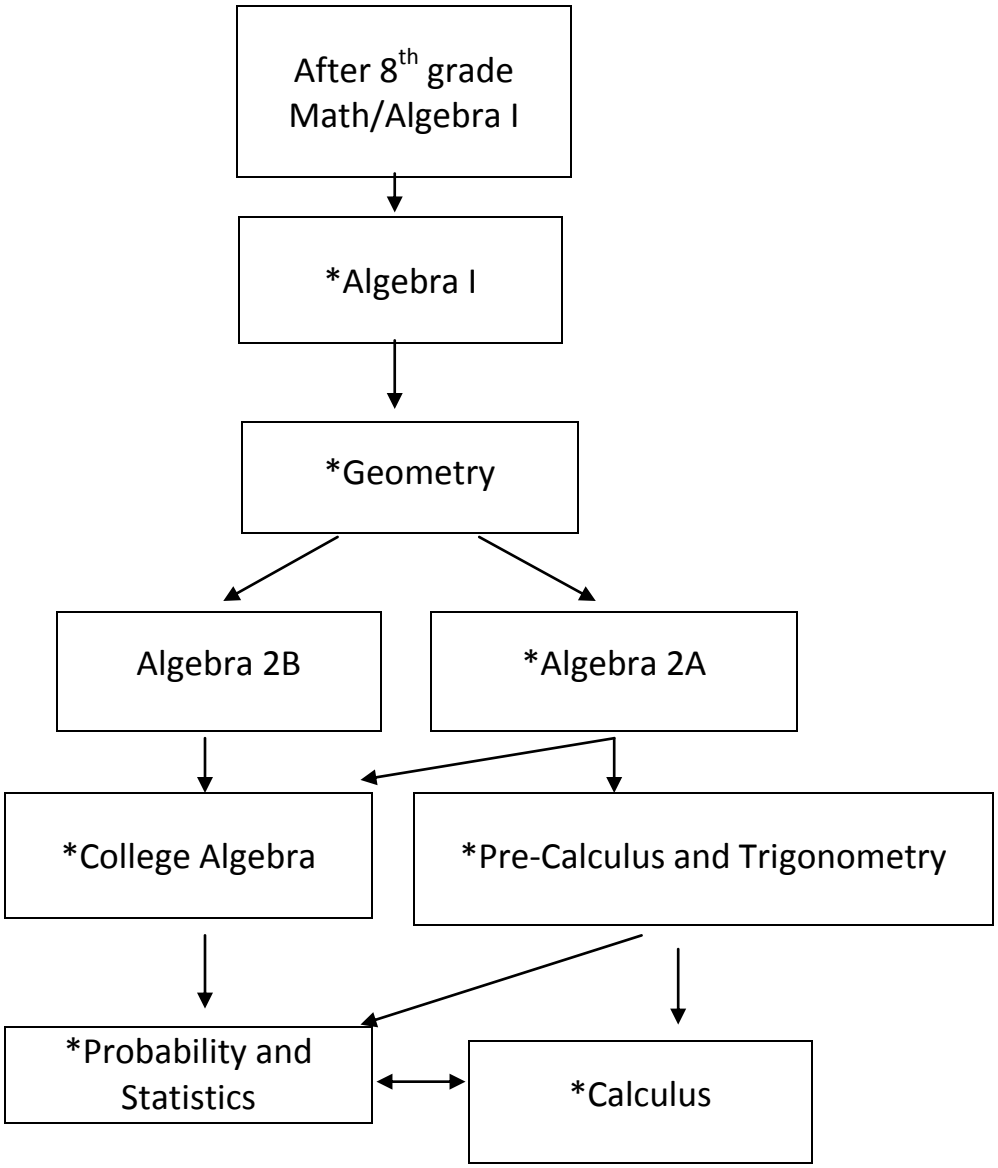
NAME OF COURSE: Early Childhood Education

LENGTH OF CLASS: one semester
PREREQUISITE: Grades 11-12, Child Development or instructor approval

This course is an introduction to the field of Early Childhood Education including history, philosophy, and the application of child development techniques. This Includes techniques for observing and recording behaviors, communication skills, guidance techniques, developmentally appropriate practices and the role of the teacher in early childhood settings.

BEATRICE HIGH SCHOOL
M A T H E M A T I C S

S e q u e n c e o f C o u r s e s



*Denotes qualifying course for Beatrice Academic Letter

BEATRICE HIGH SCHOOL

MATHEMATICS COURSE SEQUENCE

Pass:	**Course Options:**
Algebra I	Geometry
Geometry	Algebra 2A OR Algebra 2B
Algebra 2B	College Algebra
Algebra 2A	Pre-Calculus/Trigonometry OR College Algebra
College Algebra	Pre-Calculus OR Probability & Statistics
Pre-Calculus/Trigonometry	Calculus OR Probability & Statistics
Calculus	Probability & Statistics

Fail:	**Course Options:**
Algebra I	Retake Algebra
Geometry	Retake Geometry
Algebra 2B	Retake Algebra 2B
Algebra 2A	Retake Algebra 2A or Algebra 2B (with teacher recommendation)
College Algebra	Retake College Algebra
Pre-Calculus/Trigonometry	Retake Pre-Calculus
Probability & Statistics	Retake Probability & Statistics
Calculus	Retake Calculus

MATHEMATICS DEPARTMENT (requirement – thirty hours)

NAME OF COURSE: Algebra I

LENGTH OF CLASS: one year
PREREQUISITE: none

Algebra I is a traditional Algebra course in which students will be asked to solve first degree equations and inequalities, equations with two variables, graph linear equations and inequalities, perform operations with polynomials, solve quadratic equations, and simplify radicals. To be successful in this class, students will be expected to complete their daily work.

NAME OF COURSE: Integrated Algebra I

LENGTH OF CLASS: one year
PREREQUISITE: Recommendation

Integrated Algebra I is a course which covers Algebra concepts at a different pace. Integrated Algebra I covers solving and graphing linear equations and inequalities, reading and interpreting word problems, and understanding functional relationships using graphs, charts, and tables. Students in the integrated pathway are required to take four years of math.

NAME OF COURSE: Algebra 2A

LENGTH OF CLASS: one year
PREREQUISITE: Geometry

Algebra 2A will start out with a "review" of sets, related symbolism and operations, and basic Boolean Algebra. The course will then progress into building a solid foundation using the four basic operations with complex numbers, solving systems of linear equations and inequalities, absolute value equations and inequalities, quadratic equations and inequalities, and higher degree polynomial equations. The student will be asked to identify and work with functions and related symbolism with emphasis placed on linear and quadratic functions. If time allows, the student will be exposed to conic section curves, exponential and logarithmic equations. A graphing calculator will be beneficial for this course.

NAME OF COURSE: Algebra 2B

LENGTH OF CLASS: one year
PREREQUISITE: Geometry

In Algebra 2B you will be asked to solve: equations and inequalities of degree one; quadratic equations by (1) factoring; (2) completing the square; and (3) using the quadratic formula; and systems of equations and inequalities. You will be asked to identify functions, perform the four basic operations with real numbers, and evaluate quadratic functions for maximum or minimum values.

NAME OF COURSE: Integrated Algebra 2

LENGTH OF CLASS: one year
PREREQUISITE: Integrated Geometry

Integrated Algebra 2 is a course which covers Algebra concepts at a differentiated pace. Integrated Algebra 2 covers solving and graphing linear equations and inequalities, reading and interpreting word problems, solving quadratic equations by graphing, by factoring, and by the quadratic equation, and understanding functional relationships using graphs and charts. Students in the integrated pathway are required to take four years of math.

NAME OF COURSE: College Algebra **LENGTH OF CLASS:** one year
PREREQUISITE: Algebra 2A or 2B

College Algebra is a course designed to give students mastery of the concepts and skills found in Algebra II and introduce topics found in Trigonometry. Emphasis is placed upon the skills, language and applications necessary for success in future math courses. All topics covered in this class are covered in more depth and with more rigor than the same topics in Algebra II. Topics include: (1) relations, function, equations, and inequalities; (2) conic sections; (3) polynomials and factoring; (4) algebraic fractions; (5) logarithmic and exponential functions; (6) matrices; (7) evaluating trigonometric expressions of any angle; (8) graphing trigonometric functions; (9) solving trigonometric equations; using inverse trigonometric functions.

NAME OF COURSE: Advanced Math **LENGTH OF CLASS:** one year
(Fourth year of integrated pathway) **PREREQUISITE:** Integrated Algebra 2

This course will cover topics covered in Integrated Algebra 2 at a deeper level allowing students to be able to master and apply concepts; emphasizing on the skills, language and applications necessary for success in future math courses. Topics covered will be: functions, exponents, factoring, solving quadratics, graphing quadratics, basic trigonometry, and personal finance. Passing Advanced Math completes the four year math requirement for the integrated pathway.

NAME OF COURSE: Geometry **LENGTH OF CLASS:** one year
PREREQUISITE: Algebra I

Geometry is a course designed to teach the student important facts concerning figures that are composed of points, lines, surfaces, and solids or any combination of these. It is intended that one should develop a logical and orderly approach to the solutions of problems. Theory will be emphasized in this course and deductive reasoning with formal proofs or computer labs promoting conclusions from inductive reasoning will play a role in introducing the geometric concepts. The facts learned will play a prominent part in industry, mechanics, physical science, and advanced work in mathematics. A knowledge of Geometry and the algebraic concepts used in the course are valuable in future study of physics and chemistry.

NAME OF COURSE: Integrated Geometry **LENGTH OF CLASS:** one year
PREREQUISITE: Integrated Algebra I

Integrated Geometry is a course which covers topics in a traditional one year Geometry course. The slower pace will allow time for intervention as needed. Integrated Geometry covers important facts concerning figures that are composed of points, lines, surfaces, triangle congruence, triangle classification, Pythagorean theorem, quad-rilateral classification, proportional relationships, area, perimeter, surface area, volume and Geometric probability, and properties of circles. Students in the integrated pathway are required to take four years of math.

NAME OF COURSE: Pre-Calculus/Analytic Trigonometry **LENGTH OF CLASS:** one year
PREREQUISITE: Algebra 2A

Pre-Calculus/Analytic Trigonometry is designed for students preparing for college calculus. Topics include sequences, series and limits; convergence of series; series and their sums; the limit of a function; continuity; rational functions; maxima and minima of polynomials and their applications; probability; a complete development of the sine and cosine functions as circular functions; the six trigonometric functions using Cartesian coordinates

and sides of triangles; trigonometry identities; Law of Sines and Cosines. Work will also be done with graphing calculators. Students should expect the course to require outside preparation DAILY.

NAME OF COURSE: Calculus

LENGTH OF CLASS: one year
PREREQUISITE: Analytic Trig/Pre-Calc

Calculus is a challenging course in which students will first review principles of expressions, equations, and functions. This review will allow students to understand the properties of a limit, to learn how to differentiate and integrate functions, and to learn how to graph using the properties of Calculus. Students will also explore logarithmic mathematics and be trained in the use of Calculus in areas dealing in business, in physics, and in chemistry to name a few. The ability to use a graphing calculator is highly desirable.

NAME OF COURSE: Probability and Statistics

LENGTH OF CLASS: one year
PREREQUISITE: Pre Calculus/ Trigonometry or College Algebra

The student will study descriptive statistical methods of collecting and analyzing numerical data. They will use probability along with inferential statistical methods to predict outcomes for a given event. Student will also use statistical calculator and/or certain types of computer programs (spreadsheets, statistical packages, etc). The student will be expected to research and collect data from sources outside the classroom. This course may be eligible for dual credit if both semesters are completed with a C grade average or higher. Students should expect the course to require outside preparation DAILY.

*****NOT FOR MATH CREDIT*****

NAME OF COURSE: NE Math Readiness

LENGTH OF CLASS: one year
PREREQUISITE: Algebra I, Algebra II (A/B), Geometry, **and by Approval**

This course presents basic computational and intermediate algebra skills. The course offers an opportunity for seniors to improve math skill before entering into secondary education. Topics include fractions, decimals, ratios, proportions, percent, operations with integers, problem solving, estimation, solving linear equations and inequalities, integer exponents, operations with polynomials, factoring rational expressions, equations of lines, graphing equations/Inequalities, and basic study skills. Topics also include geometry measurement. The course is graded as pass/fail determined by course completion and bench marks and is considered elective credit.

MUSIC DEPARTMENT (elective)

Students must perform with the groups in which they are enrolled in clinics, concerts, programs, etc. as a course requirement. Those who have questions should see the instructor before registration. If the student is renting an instrument from the school, the rent is $20.00 per semester.

Students who plan to pursue music careers are encouraged to enroll in Comprehensive Musicianship as well as a variety of performance groups.

NAME OF COURSE: Concert Band

LENGTH OF CLASS: second semester
PREREQUISITE: Marching Band

Concert band is open to all BHS instrumentalists and explores a slightly easier repertoire than the Wind Ensemble. However, musical excellence and hard work is essential as we try to strive for the best performance every time we play together. Members are required to participate in the marching band and the pep band. We will also play at district music contest, all concerts, and take a fun trip every four years; at times, combining with the Wind Ensemble.

NAME OF COURSE: Comprehensive Musicianship

LENGTH OF CLASS: one/two semesters
PREREQUISITE: 10-12 grade, advanced or beginning music level; involved in one performance class during same semester/year

Comprehensive Musicianship is a class designed for all music students who wish to enhance their music performance capabilities by studying music theory and appreciation. This course is catered to the incoming level of the student, and instruction will be introductory for beginners, and more in depth for the advanced level music student. The six historical musical time periods of western music will be discussed in detail, as well as basic music theory concepts. Major composers studied will be Bach, Handel, Mozart, and Beethoven. The class can be repeated and taken to advanced levels for those wishing to participate in music in college or perhaps major in music. Concepts studied will include intervals, scales, chord spelling, harmonic progressions, inversions, transposition, rhythmic and melodic diction, keyboard skills and sight singing.

NAME OF COURSE: Marching Band

LENGTH OF CLASS: first semester
PREREQUISITE: none

Marching band performs a dual purpose, serving as an educational tool to teach students the fundamentals of marching and playing their instruments as well as a student ambassador group for the community and the athletic department at BHS. This ensemble meets before school in the morning and continues until the end of the first period. Each year the marching band will put on a show for all home football games and compete in several statewide competitions. Color Guard is a part of the marching band class.

Pep band offers students a great chance to have fun playing music and encouraging our sports teams at BHS. Rehearsals will be worked into the regular band day and participation is a requirement for all BHS band members. The pep band will play at home boys' and girls' basketball games as well as regular season football games, and will also attend any district and/or state games for both sports.

NAME OF COURSE: Concert Choir

LENGTH OF CLASS: one year
PREREQUISITE: grades 10-12, Orange Singers; audition; other choral ensemble; special permission from director

This choir will consist of a balanced number of male and female singers who will focus on many choral music aspects and advanced choral literature. Concert Choir will perform a regular concert schedule throughout the year, and participate in clinics, festivals, contests, and possibly music theatre throughout the year. This is a one year course, unless special permission is granted by the director.

NAME OF COURSE: Color Guard

LENGTH OF CLASS: first quarter
PREREQUISITE: by audition

Color Guard is a part of the marching band and when circuit competitions are available also part of Winter Guard. Early rehearsals during first quarter before school are required. Members are expected to participate in all activities of the band class during the marching band season. Membership in the course is limited to a specific number determined by the band director. Membership is by audition only.

NAME OF COURSE: First Edition Show Choir

LENGTH OF CLASS: two semesters
PREREQUISITE: auditions or instructor permission

First Edition Show Choir is a select group of students (open to boys and girls in grades 9-12) who will rehearse and perform a variety of musical styles-including pop, show, jazz, and theatrical music. There will be community performances and show choir contests outside of the school day that will be required performances. The elements of performance presentation, theatrical staging, choreography, and vocal production techniques will be studied. There is <u>no additional enrollment requirements with this show choir</u>; unlike Limited Edition, which includes concurrent enrollment in Concert Choir. Students will be required to purchase their own show choir outfits, shoes and accessories.

NAME OF COURSE: Limited Edition Show Choir

LENGTH OF CLASS: one year
PREREQUISITE: grades 10-12; concert choir concurrently; audition

Limited Edition is a select group of vocalists who perform a variety of musical styles – including pop, show, jazz, and theatrical. Many community performances outside of the school day will be required. The elements of performance presentation, theatrical staging, choreography, and vocal production technique will be studied. Limited Edition carries five hours of credit. Additional requirement will be enrollment in Concert Choir during the same school year. A vocal student must be registered for concert choir to be allowed to register for Limited Edition. Instrumentalists are not required to take concert choir during the same school year; unlike the vocalists in Limited Edition, who are required to audition and be selected for concert choir.

Students will be required to purchase their own show choir outfits, including dress, shoes, jewelry, undergarments, or any other items.

NAME OF COURSE: Limited Edition/Jazz Band
"combined class"

LENGTH OF CLASS: one year
PREREQUISITE: grades 10-12; concert choir concurrently; audition

Limited Edition/Jazz Band is a special course offering for those selected students talented enough to be accepted as a singer/dancer in Limited Edition, and as an instrumentalist in Jazz Band. The class time will be divided between both classes. Expectations of the student will be the same as if they were taking each course separately. Students enrolled in Limited Edition/Jazz Band will receive the five credits per semester, similar to any other single elective course offering.

NAME OF COURSE: Music/Media Production

LENGTH OF CLASS: one semester
PREREQUISITE: none

Students will explore the creation of computer-generated music and other visual media. This includes graphic design, audio, and video editing. Most will be done via free online tools that are available from any location. Students will also explore various technologies associated with audio/visual components in the Hevelone Center for Performing Arts (HCPA), the Media Center and portable presentation setup. The class will be project based with a fair amount of independent work. Students will complete multiple projects demonstrating knowledge of the various media and its uses. The final exam will encompass multiple technologies in a boardroom type presentation setting.

NAME OF COURSE: First Edition/Percussion
"combined class"

LENGTH OF CLASS: second semester
PREREQUISITE: Audition; acceptance in First Edition/Percussion

First Edition/Percussion is a special course offering for students who were selected for First Edition and were also talented enough instrumentally to be selected for Percussion. The class time will be divided between both classes during the period. Expectations of the students will be the same as if they were taking each course separately. Students enrolled in First Edition/Percussion will receive five credits per semester, similar to any other single elective course offering.

NAME OF COURSE: Jazz Ensemble

LENGTH OF CLASS: one year
PREREQUISITE: audition, instructor approval, concurrent enrollment in marching band

Jazz ensemble introduces and develops students' skills in the jazz idiom, which may include styles such as jazz, rock, funk, and swing. It is open to all students by way of an audition. Auditions will take place at the end of the previous school year. This class meets during the school day and students will have ample opportunity to participate in gigs around the area. The repertoire will be difficult and skills will be developed in the areas of improvisation, independent musicianship, music theory, and ensemble playing. There are opportunities for students to play guitar, bass, piano, and drums in addition to various brass and woodwind instruments. Members of this group meet with show choir as well.

NAME OF COURSE: Wind Ensemble

LENGTH OF CLASS: second semester
PREREQUISITE: grades 9-12; marching band; audition or permission

This group is the top performing ensemble in the Beatrice band program. The music is difficult and musical independence is a must. We perform at all band concerts as well as district music contests; we also take a fun trip every four years. All students audition for this ensemble, however, its makeup is primarily 10-12th graders and membership is kept to around 40 students. Participation in marching band and pep band is a requirement for this class.

NAME OF COURSE: William of Orange Singers

LENGTH OF CLASS: two semesters
PREREQUISITE: grades 9-12

William of Orange Singers is a choir open to all BHS students, without audition or singing experience, who are interested in studying and performing choral music. Various aspects of vocal music will be covered through the study of a variety of music literature. Participation in public performances will be expected and required. Class activities will include vocal training, ensemble discipline, sight reading, performance preparation, and rehearsing appropriate choral literature. William of Orange Singers will perform during the Fall, Winter, Mid-Winter and Spring Concert. Students are encouraged to enroll in this course for one year. The course meets five days a week and carries five credits per semester.

NAME OF COURSE: Percussion Techniques

LENGTH OF CLASS: second semester
PREREQUISITE: marching band first semester; grades 9-12; or permission

This class is the percussion element of the band program. Class will meet daily as a "percussion only" experience, allowing the percussion section to develop performance skills specific to the art of percussion. This class will focus on marching percussion for the winter show, concert percussion ensembles, as well as, the percussion element of the concert band/wind ensemble program. Individual skills will be developed by working on personal playing and mastery of the instruments. This class is open to all grades 9-12 that meet the prerequisites listed above.

PHYSICAL EDUCATION DEPARTMENT - (requirement – fifteen hours)

Students will be offered the following physical education courses which are: Health, Lifetime Fitness, Recreational Team Sports, and Advanced Conditioning. A student will not be allowed to take two physical education classes in the same semester. Two semesters of physical education courses are required to meet graduation requirements.

Students who cannot participate in a physical education class due to short term medical reasons must present a note from the student's physician to the school nurse stating the reason and indicating the period of time the student should not participate. It is the responsibility of the student to make up all absences, medical or otherwise, as well as medical non-participation days. Students who cannot participate in a regular wellness education class due to long term medical reasons must present a note before the beginning of the semester from the student's physician to the school nurse and/or counselor. This note must explain the medical reason, limitations and restrictions, and the period of time the student should not participate. Students with brief medical restrictions may make up the work after recovery. Those with more extended situations (injuries, surgery, etc.) will need to drop the class. If the course meets a requirement, the student will need to re-enroll a different semester.

Adaptations will be made in the regular physical education classes for students with permanent physical challenges since all students must meet the graduation requirement in this department.

Students will be graded on a daily basis for participation, effort, written tests or performance tests. Students are required to wear a pair of athletic shoes with non-marking soles for all physical education classes. Students are required to change into physical education clothes and follow the physical education dress policy.

NAME OF COURSE: Health

LENGTH OF CLASS: one semester
PREREQUISITE: none

Freshmen are required to take one semester of Health. This class consists of a comprehensive health program that may include the following areas: mental and emotional health, prevention and control of communicable disease, substance use and abuse, accident prevention and safety, community health, and body systems. C.P.R. training/ first aid may be offered.

NAME OF COURSE: Aerobics

LENGTH OF CLASS: one semester
PREREQUISITE: one semester of P.E.

Aerobics is a physical education class for those who are serious about establishing flexibility and resistance training or maintaining their physical fitness level. Emphasis will be placed on cardiovascular fitness with periodic testing. Activities to be included (but not limited to) are: aerobics, high and low impact, running, interval training, yoga, pilates, and strength training.

There is no semester limitation; however, to repeat the class you must have earned a C or above or instructor approval.

NAME OF COURSE: Lifetime Fitness **LENGTH OF CLASS:** one semester
PREREQUISITE: none

Lifetime Fitness is a physical education course that will teach students how to create a personal workout plan and give them skills to maintain a healthy active lifestyle outside of school. Most of the class time will be spent in the new fitness room using aerobic equipment and light strength building equipment. Other activities could include fitness based games, outdoor walks and hikes, and trips to community fitness establishments.

There is no semester limitation; however, to repeat the class you must have earned a C or above or have instructor approval.

NAME OF COURSE: Recreational Team Sports **LENGTH OF CLASS:** one semester
PREREQUISITE: none

Recreational Team Sports is a course designed for the participation in team activities, with an emphasis placed on teamwork and sportsmanship. There will be periodic running or fitness tests, as well as "in class" tournaments. Sports to be included are softball, flag football, soccer, volleyball, basketball, hockey, kickball, frisbee, lacrosse, badminton, pickleball, bowling, and lead-up games for those particular sports.

To repeat the class you must have earned a C or above or have instructor approval.

NAME OF COURSE: Advanced Conditioning **LENGTH OF CLASS:** one semester
PREREQUISITE: none

Advanced Conditioning is a course for students who are serious about improving their strength, speed, and agility. The emphasis is in the strength conditioning by participation in the core lifts. Sprint training, flexibility training, and plyometrics will also be emphasized. Performance testing will be required for all students. For example: forty yard dash, vertical jump, agility tests, and lifting technique.

There is no semester limitation; however, to repeat the class you must have earned a B or above or instructor approval.

Science Department Flow Chart

Beatrice High School requires three (3) years of science for graduation

9th Grade	Integrated Science	Integrated Earth Science	Integrated Biology
10th Grade	General Biology	General Biology or Integrated Bioscience	Diff Chem, Chem, Botany/Zoology, Special Topics
11th Grade	Integrated Physical Science, Chemistry, teacher recom-mendation for the following: Anatomy/Physiology, Botany/Zoology	Integrated Physical Science, Chemistry, Anatomy/Physiology, teacher recom-mendation for the following: Diff Chemistry, Special Topics, Botany/Zoology	Anatomy/Physiology, Botany/Zoology, Special Topics, Physics, Adv Biology, AP Chemistry
12th Grade	Teacher recom-mendation: Anatomy/Physiology, Botany/Zoology	Chemistry, Anatomy/ Physiology, teacher recommendation for the following: Diff Chemistry, Special Topics, Botany/ Zoology, Physics	Anatomy/Physiology, Botany/Zoology, Special Topics, Physics, Adv Biology, AP Chemistry

SCIENCE DEPARTMENT (requirement -- thirty hours)

Students who plan to pursue further science training in college should prepare themselves by taking a minimum of three years of college preparatory English, Advanced Algebra, and the three basic sciences (Biology, Physics, and Chemistry). In addition, those considering health-related occupations should take Anatomy and Physiology, Adv Biology, AP Chem, Zoology and Physics. Those planning further study in physics, architecture, or engineering should take Trigonometry, Pre-Calculus, AP Chem and Physics. Engineering and architecture students should also take Calculus and drafting. Students not planning a science career should also take advantage of AP or dual credit science classes to fulfill the science requirements of most college general studies two semesters of science requirement. The tuition is at a reduced rate plus the book is supplied for the class. Classes that fulfill this requirement upon successful completion of the class are AP chemistry, dual credit Botany, Physics, Zoology, Advanced Biology.

NAME OF COURSE: Advanced Biology

LENGTH OF COURSE: one year
PREREQUISITE: Integrated Biology or Integrated Bioscience, Chemistry, and instructor approval

Adv Biology/General Biology 130 is an integrated biology elective course designed to introduce the basic patterns and processes of biology and the scientific method. The course builds a conceptual understanding of major biological problems and opportunities and the role the biological sciences play in understanding and solving these problems and exploring opportunities. Major topics include: medicine; epidemiology and disease; applied evolution and ecology; genetic engineering; cloning and biotechnology; population growth and the role of demographics in energy and economic development; and other relevant current topics as appropriate. The course would be recommended for students considering the health or medical field. The course is taught at a higher conceptual level and at a college course pace. There is a significant laboratory portion.

Students intending to take this course should have strong language arts skills. The Adv Biology course is the equivalent to a first year college biology course. The class is open to juniors and seniors.

*See dual credit options on page 16.

NAME OF COURSE: Advanced Placement Chemistry

LENGTH OF COURSE: one year
PREREQUISITE: Differentiated Chemistry with A or B or teacher recommendation

AP Chemistry is a second year laboratory chemistry course that will provide students with a more in-depth background in the area of chemistry and would be a recommended course of study for those students who are considering a specialization in the science or medical field. Students will expand upon topics learned in Differentiated Chemistry and explore new topics such as thermo-chemistry, kinetics, chemical equilibrium, electrochemistry, organic chemistry, and nuclear chemistry. Students may take an AP Chemistry test in May. If a student scores high enough on the AP test, they will receive college credit in chemistry.

NAME OF COURSE: Anatomy and Physiology

LENGTH OF COURSE: one year
PREREQUISITE: two years of science, or instructor approval

Anatomy and Physiology is a one year course that presents an overview of the organization and functions of the human body. The various systems of the human body will be covered. First semester will cover anatomical terminology, biochemistry, cellular structure and function, tissues, the integumentary, skeletal and muscular systems. Second semester topics will include the nervous, cardiovascular, lymphatic, digestive and excretory systems. Laboratory activities will be designed to show how the body systems work and how they complement each other. Dissection of the fetal pig will begin during the first semester and continue into the second semester.

*See dual credit options on page 16.

NAME OF COURSE: Integrated Bioscience

LENGTH OF COURSE: one year
PREREQUISITE: one year of science

The study of Integrated Bioscience meets the basic prerequisite for future higher-level science courses. The course focuses on all areas of science with a strong emphasis on Biology. Students will explore the area of:

- Scientific method, problem solving, measurement, and unit analysis
- Current cell theory, the behavior of cells, cell types, and the structure and function of cells
- DNA and Mendelian genetics
- Patterns of heredity
- Principles of ecology
- Evolutionary history
- Chemistry of life

NAME OF COURSE: Botany

LENGTH OF COURSE: one semester
PREREQUISITE: Integrated Biology or Integrated Bioscience with a grade of A, B, or C; or Instructor Approval

This biology elective course examines the foundation principles of biology with special emphasis on anatomy, morphology, life cycles, reproduction, evolution and diversity of plants and related organisms. Both lecture and laboratory are required for this course. An integral part of this class will be inquiry-based, hands-on learning in the school greenhouse. Students will also have an opportunity to investigate and care for native prairie grasses, wildflowers, plants and trees in the school arboretum. The course is taught at a higher conceptual level and at a college course pace. There is a significant laboratory portion.

*See dual credit options on page 16.

NAME OF COURSE: Differentiated Chemistry

LENGTH OF COURSE: one year
PREREQUISITE: Geometry and Integrated Biology or Integrated Bioscience with an A or B, or teacher recommendation

Differentiated Chemistry is a first year chemistry course for college bound students. This course differentiates itself from regular Chemistry by moving at a faster pace with more in-depth topics and experiments. Students will master both basic and higher level concepts associated with College Chemistry. A strong math background is recommended for students wanting to take this class due to the skills necessary for problem solving. Students will be introduced to such topics as chemical and physical changes, atomic structure, periodic law, chemical bonding, properties of gases, chemical equations, solutions, and acids/bases. To be successful in this course, students will need to have a strong work ethic and have a desire to do extra work outside the normal classroom setting.

NAME OF COURSE: Chemistry

LENGTH OF COURSE: one year
PREREQUISITE: Algebra I and Integrated Biology with a B or C or one year Integrated Bioscience, with a C or D or teacher recommendation

Chemistry is a first year chemistry course that will cover the composition and properties of matter and processes that matter undergoes. Students in chemistry will move at a pace that allows the students to master the basic concepts of chemistry to be studied during the year. Students taking the course will study such topics as chemical and physical properties, atomic structure, chemical bonding, general gas laws, chemical reactions, acids and bases, and mixtures. Many of the topics will be reinforced in the chemistry laboratory by performing experiments. This class is designed for students wanting to take a third year of science, but not necessarily planning on taking chemistry in college.

NAME OF COURSE: General Biology

LENGTH OF COURSE: one year
PREREQUISITE: 9th grade science Instructor recommendation

General Biology is not recommended for students planning to attend a college or university. The course focuses on a broader variety of topics studied in less depth than regular Biology. These topics include cells as the basic unit of life and the evolution and development of the five kingdoms of living organisms. Specific topics covered include:

- Scientific method, measurement, and problem solving
- Current cell theory and the structure, function, and behavior of cells
- Photosynthesis and energy use in cells
- Reproduction of plant and animal cells

- Classification and principles of taxonomy
- The five (5) kingdoms of living organisms, the members of each and their structure
- The evolutionary history and relationships between organisms in the five (5) kingdoms
- Principles of ecology

NOTE: General Biology does not meet the prerequisites for higher level science courses including Zoology, Botany, Chemistry, Differentiated Chemistry, Physics, AP Biology, Anatomy and Physiology and AP Chemistry.

NAME OF COURSE: Integrated Biology

LENGTH OF COURSE: one year
PREREQUISITE: Instructor Recommendation

The study of Integrated Biology meets the basic prerequisite for future higher-level science courses. The course focuses on all areas of science with an emphasis on biology. Students explore the areas of:

- Scientific method, problem solving, measurement, and unit analysis
- Current cell theory, the behavior of cells, cell types, and the structure and function of cells
- DNA and Mendelian genetics
- Patterns of heredity
- Principles of ecology
- Evolutionary history
- Chemistry of life

NAME OF COURSE: Integrated Science

LENGTH OF COURSE: one year
PREREQUISITE: Instructor Recommendation

The study of Integrated Science meets the basic prerequisite for future science courses. This course focuses on the general concepts of physical science. Students will explore the areas of:

- Scientific method, problem solving, measurement, and unit analysis
- Motion and forces
- Classification of matter-elements, compounds, mixtures, and solutions
- Atomic structure and periodic table trends
- Electronmagnetic waves and wave behavior
- Magnetism

NAME OF COURSE: Integrated Earth Science **LENGTH OF COURSE:** one year
PREREQUISITE: Instructor recommendation

The study of Integrated Earth Science meets the basic prerequisite for future science courses. This course focuses on earth science and physical science concepts. Students will explore the areas of:

- Scientific method, problem solving, measurement, and unit analysis
- Motion and forces
- Classification of matter—elements, compounds, mixtures, and solutions
- Atomic structure
- Magnetism
- Big bang theory and stellar evolution
- Plate tectonics
- Fossils and radiometric dating, law of superposition
- Human impact on resources
- "Green" energy—solar and wind
- Meteorology

NAME OF COURSE: Integrated Physical Science **LENGTH OF COURSE:** one year
PREREQUISITE: General Biology or Instructor recommendation

Integrated Physical Science is a course that students will take in order to fulfill science requirements for Beatrice High School. Integrated Physical Science is a blend of physics, chemistry, and earth science concepts that will reinforce student scientific reasoning skills through inquiry-based lessons. In this course, students will learn to observe, question, formulate and test hypotheses, collect and analyze data, and present conclusions made from the data.

NAME OF COURSE: Physics **LENGTH OF COURSE:** one year
PREREQUISITE: Geometry and Algebra 2

Physics "students will develop the ability to design and conduct a scientific investigation, use appropriate tools to gather, interpret, and analyze data, develop descriptions, explanations, predictions, and models using evidence, think critically and logically to make relationships between evidence and explanations and use mathematics in all aspects of scientific inquiry." National Research Council on National Science Education Standards.

The topics of mechanics, sound, and heat are included in this mathematically-based physics course. This class includes required lectures, recitation, and laboratory components. Mechanics includes the topics of the science and measurement of physics, motion in one and two dimensions, vectors, projectile motion, forces and the laws of motion, work, energy, power, momentum and collisions, circular motion and gravitation, thermodynamics, and vibration and waves. The course is taught at a higher conceptual level and at a college course pace. There is a significant laboratory portion. Pre-calculus/Trig or concurrent enrollment is a suggested pre-requisite for physics.

Physics has technology-based labs as well as basic labs on general physics principles. Projects are also a part of the course. Written work is expected in laboratory reports and reviews of science articles. Mathematical emphasis on problem-solving and critical thinking skills are an integral part of the course. This course examines the practical application of physics in everyday life exploring such topics as the physics of sports and how fast a sky diver falls.

*See dual credit options on page 16.

NAME OF COURSE: Zoology

LENGTH OF COURSE: one semester
PREREQUISITE: grades 10-12, Integrated Biology or Bioscience with a grade of A, B, or C; or Instructor Approval

This biology elective course examines the foundation principles of biology with special emphasis on anatomy, morphology, life cycles, reproduction, evolution and diversity of animals and related organisms. Both lecture and laboratory are required for this course. Topics include the classification of organisms, protists, introduction to animals, sponges, cnidarians, and ctenophores, flatworms, roundworms, and rotifers, mollusks and annelids, arthropods, insects, echinoderms, and invertebrate chordates, and a chordate overview (time permitting). The laboratory component consists of inquiry-based investigations involving live arthropods, microscopy, and the dissection of a minimum of five different organisms. The course is taught at a higher conceptual level and at a college course pace. There is a significant laboratory portion. This course is a suggested prerequisite for dual-credit Anatomy and Physiology.

*See dual credit options on page 16.

NAME OF COURSE: Special Topics in Science

LENGTH OF COURSE: one year
PREREQUISITE: Integrated Biology or Bioscience and instructor recommendation

Special Topics in Science is a course designed for an independent learner that desires experience in the field of scientific research. Students enrolled in the course will apply scientific principles in the development of one or more individually designed and implemented research project(s). Students are given the opportunity to present their research to the scientific community. Suggested areas of exploration may include: advanced molecular genetics techniques, forensic science, microbiology, plant science, physics, robotics, and current topics of interest in any field of science.

Emphasis will be placed on the scientific method and the development of problem-solving and critical-thinking skills. Upon successful completion of the first year of study, students may continue a second and third year with instructor approval.

SKILLED AND TECHNICAL SCIENCES (elective)

There will be a lab fee assessed in most of the courses.

FOR SAFETY REASONS there is a student dress code for Skilled and Technical Science courses:

- Students must wear shoes and stockings. No sandals will be allowed.
- Students must wear an apron, shop coat, coveralls, or some such protective clothing.
- All students operating power equipment or in the area, must wear safety shields or glasses (this includes students who are welding).
- No student will be allowed to wear loose fitting clothing.
- Sweaters must be removed or covered up.
- Long hair must be worn off of the face. Hair can be tied in a pony tail, or the student could wear a hair net.
- The teacher must not permit any type of dress which endangers the student.

NAME OF COURSE: Introduction to Computer Aided Drafting

LENGTH OF CLASS: one semester
PREREQUISITE: none

Introduction to Computer Aided Drafting explores the basics of drafting and design using AutoCad. Through step-by-step instruction, the course takes students from beginning to the advanced level. Along the way, they are encouraged to experiment, create and learn first-hand, the power and depth of AutoCad. This course serves all areas that require methods of drafting, design and engineering. It is recommended that the student bring a flash drive to keep their drawings on.

NAME OF COURSE: Intro to Architectural Tech I

LENGTH OF CLASS: one year
PREREQUISITE: Introduction to Computer Aided Drafting

Introduction to Architectural Tech I is an introductory course. Blueprint reading and house structure will be introduced with emphasis on how these aspects are utilized in the work world of drafting and architecture. Footings, foundations, wall construction, floor plans, and roofing will be explored.

The student will design a one-story house plan that will include a plot plan, floor plan with dimensions, and four elevations.

NAME OF COURSE: Architectural Tech II

LENGTH OF CLASS: one year
PREREQUISITE: Architectural Tech I

Architectural Tech II is an individualized course. Materials previously covered in Intro to Architectural Tech I will be reviewed and expanded upon. All drawings will be done on the CAD station. Also covered in this course is structural material and cost calculations. Detail drawings over foundations, floor assemblies, walls, and roofs. REVIT Studio Vis will be introduced. The student will draw the following drawings for each home design: (1) floor plan; (2) foundation plan; (3) wall section; (4) electrical plan; (5) kitchen plan; (6) all four elevation views; and (7) perspective.

NAME OF COURSE: Mechanical CAD I

LENGTH OF CLASS: one semester
PREREQUISITE: Introduction to Computer Aided Drafting

Mechanical CAD I is an individualized course designed to explore the computerized mechanical drafting and design world. Students will learn to visualize in three dimensions, to develop and strengthen their technical imagination, to think precisely, to read and write the language of the industries, and to gain experience in making working drawings according to modern commercial practices.

NAME OF COURSE: Mechanical CAD II

LENGTH OF CLASS: one year
PREREQUISITE: Mechanical CAD I

Mechanical CAD II is an individualized course designed to enhance mechanical drafting and design skills. This course will take an in-depth look at AutoCAD and INVENTOR to enhance presentation and design of its project-oriented activities.

NAME OF COURSE: Advanced AutoCAD

LENGTH OF CLASS: two semesters
PREREQUISITE: Mechanical CAD II or Architectural Drafting II

This is an individualized course. Students will work on drafting problems that have to do with mechanical or architectural design. Advanced applications of computer aided drafting (AUTOCAD) will be used. Problems will be approved by the instructor on an individualized basis. All drawings will be performed on the computer.

NAME OF COURSE: General Automotive Maintenance

LENGTH OF CLASS: one semester
PREREQUISITE: none

This course is designed to give the student a broad knowledge base of maintenance procedures of today's automobile. The course includes lab work in which students will rotate tires, change oil, replace batteries, and maintain their vehicles.

NAME OF COURSE: Automotive Technology I

LENGTH OF CLASS: one semester
PREREQUISITE: none

This course is designed to give the student an introduction to and general knowledge base of today's automobile. Students will utilize both classroom and laboratory time to learn the systems of the automobile. Students will not be working on their own vehicles. Demonstrations and other learning activities will utilize lab equipment. One written report is required on a topic related to the automotive industry.

NAME OF COURSE: Automotive Technology II

LENGTH OF CLASS: one year
PREREQUISITE: Automotive Technology I; instructor approval; C or better; Manufacturing/Welding I recommended

The course prepares a student for employment in the automotive industry. The automotive industry is fast becoming a specialized trade. Therefore, the student will do advanced work in as many specific automotive areas as time permits. Trouble shooting and advanced automotive systems are the main objectives. It is recommended that students bring a change of clothing. A locker and safety glasses are provided. A lab fee of $20 per year will be charged. This course may be repeated.

NAME OF COURSE: Electricity/Electronics/Comprehensive

LENGTH OF CLASS: one year
PREREQUISITE: Algebra I recommended

Electricity/Electronics/Comprehensive requires no previous knowledge in electronics. Students should be able to calculate using decimals, fractions, powers of ten, and simple algebra. Topics covered include voltage, current, resistance, series and parallel circuits, inductance, transformers, capacitance, frequency, reactance, impedance, resonance, computer logic, diodes, transistors and amplifiers. Approximately one-half of the class time is "hands-on" laboratory work. Traditional lecture/discussion sessions are provided for those students who want the help, but the class can be self-paced for students who want to go ahead or who have previous electronics experience.

NAME OF COURSE: Electricity

LENGTH OF CLASS: two semesters
PREREQUISITE: Electricity/Electronics/Comprehensive

This course is an individual course and possible areas of study include advanced transistor and field effect transistor circuits, computer and digital circuits, industrial control systems, and student planned projects.

NAME OF COURSE: Manufacturing Welding I

LENGTH OF CLASS: one year
PREREQUISITE: none

This course is designed to give the student an introduction to and general knowledge base of welding and machine fundamentals. Students will utilize both classroom and laboratory time to learn SMAW, GMAW, GTAW, OAW, and machine work. Welds will be completed on school supplied materials. It is recommended students bring a change of clothing. Lockers will be provided. A $20.00 lab fee per year will be charged for gloves, safety glasses, pliers, and sweatband.

NAME OF COURSE: Manufacturing Welding II

LENGTH OF CLASS: one year
PREREQUISITE: Manufacturing Welding I; and Intro to CAD or concurrent enrollment; earn a C or better; instructor approval

This course is designed to provide an advanced welding and fabrication experience. Students will design and produce welded projects to complete the lab portion of the class. Projects will be built at the student's expense. A $20.00 lab fee per year will be charged for gloves, safety glasses, tape measure and sweatband. This course may be repeated.

NAME OF COURSE: Manufacturing Woodworking I

LENGTH OF CLASS: one year
PREREQUISITE: none

Woodworking I concerns the care and use of hand tools and machines. Units included are project construction, wood finishes, wood fasteners, mathematics as it is related to the shop, shop safety, forest products, occupations in wood and wood technology areas. About five weeks of class work precedes shop work. Students will build teacher assigned projects. Students will also be required to complete required processes and/or operations. A lab fee of $30.00 will be charged for teacher assigned project and safety glasses. First choice for class openings is for ninth, tenth, and eleventh grades. If the class is not full, seniors can fill openings. Seniors should schedule an alternate course.

NAME OF COURSE: Manufacturing Woodworking II

LENGTH OF CLASS: one year
PREREQUISITE: Manufacturing Woodworking I; Intro to CAD or concurrent enrollment, instructor approval

Manufacturing Woodworking II concerns the advanced care and use of hand tools and power machines. Areas to be covered are machine operations, shop math, identification of wood types, studies of wood projects through experiments and demonstrations, project construction, shop safety, occupations in the field of woodworking, forest products, finishes and finishing of wood, forestry practices, and the operation of the CNC lathe and router. Students will work in small groups to build a required project. Students will not be charged for this required project. Students will build teacher approved projects at their own expense. Students will be required to complete certain operations and/or processes. A lab fee of $30.00 will be charged for shop material, safety glasses and tape measure. This course may be repeated.

NAME OF COURSE: Principles of Construction

LENGTH OF CLASS: one year
PREREQUISITE: Manufacturing Woodworking I; Intro to CAD or concurrent enrollment; and instructor approval

Principles of Construction is intended for students interested in woodworking and the related trades industry. Students will be given the opportunity to learn and use hand and machine tools, machine operations and safety. A carpentry section will be included, covering tool use, fasteners, concrete work, floor framing, wall framing,

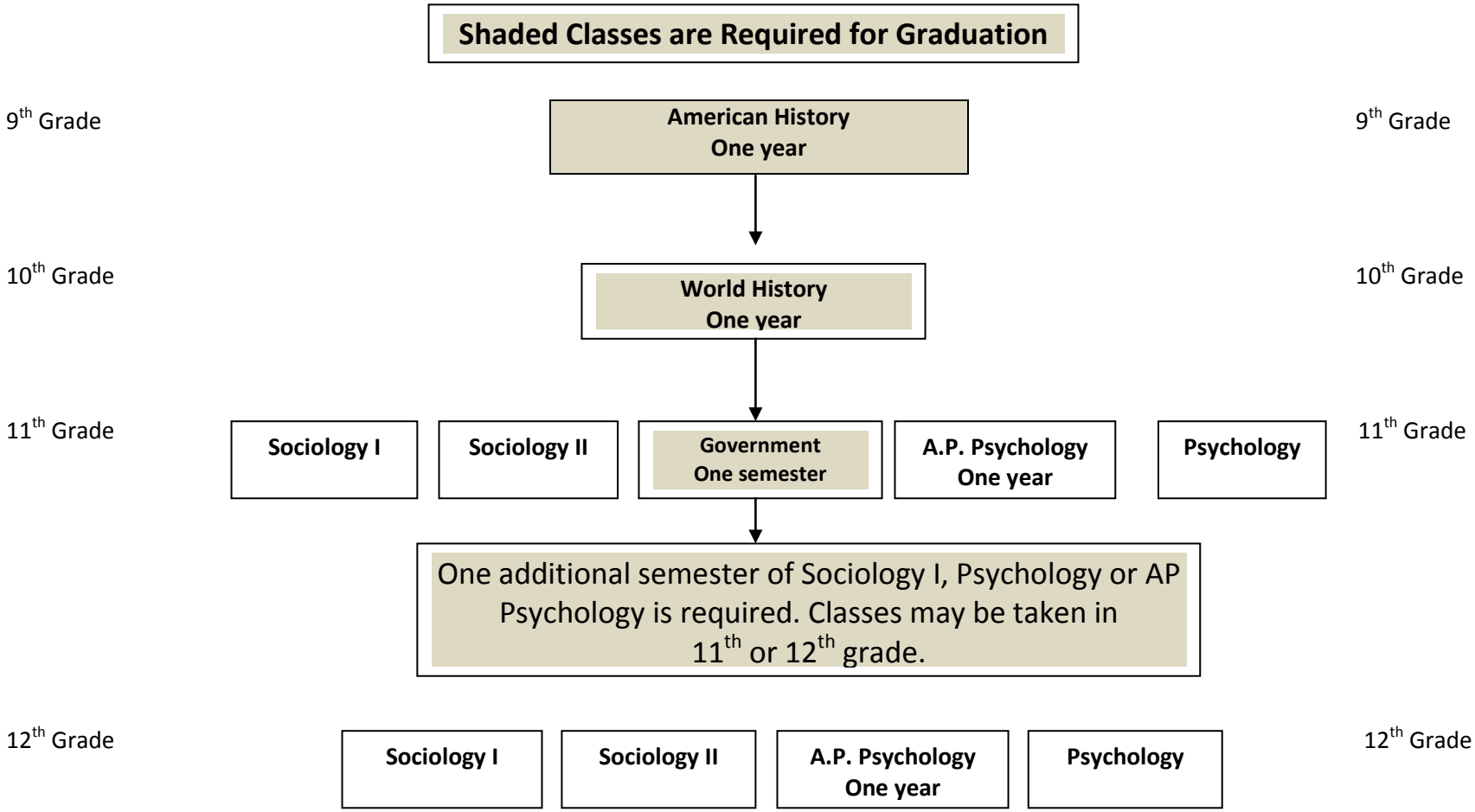
insulating, interior wall and ceiling finishing, interior trim, basic plumbing repairs and installations, and painting. All of the units taught in the vocational trades course will be covered by lecture, handouts, reading, shop demonstrations, and video tapes. This class may be conducted off school grounds working with various contractors. Students provide their own transportation to the job site. Students will pay a $20.00 lab fee for material and fasteners for the end of year project.

NAME OF COURSE: Applications in Construction

LENGTH OF CLASS: one year
PREREQUISITE: Principles of Construction

Applications in Construction is intended for students interested in advanced woodworking and the related industry. Students will be given the opportunity to learn and use hand and machine tools, machine operations and safety. A carpentry unit will be included covering tool use, advanced fasteners, concrete work, floor framing, wall framing, roof construction, insulating, interior wall and ceiling finishing, interior trim, plumbing repairs and installations, painting and stair construction. All of the units taught in the vocational trades course will be covered by lecture, handouts, reading, shop demonstrations and video tapes. This class may be conducted off school grounds working with various contractors. Students provide their own transportation to the job site. Students will pay a lab fee of $20.00 for material and fasteners for the end of the year project. This course may be repeated.

Social Studies Flow Chart



*Shaded classes are required for graduation

SOCIAL STUDIES DEPARTMENT - (requirement - thirty hours)

9th Grade:	American History I and II, two semesters – required
10th Grade:	World History I and II, two semesters – required
11th Grade:	American Government, one semester – required Psychology, one semester Advanced Placement Psychology, one year Sociology I and II, one semester each

THIRTY CREDIT HOURS (six semesters) **ARE REQUIRED FOR HIGH SCHOOL GRADUATION**

Also offered (not for SS credit):	Leadership, one or two semesters, elective (may be repeated) History of Sports, one semester, elective

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NAME OF COURSE: American Government

LENGTH OF CLASS: one semester
PREREQUISITE: juniors

The class will cover the establishment of our American Government; the legislative, executive, and judicial branches of the national government, state and local government (city and county); and the election process. Contemporary government issues will also be discussed. Students are to attend a city council or a school board meeting and complete ten hours of community service during the semester.

NAME OF COURSE: American History I

LENGTH OF CLASS: one semester
PREREQUISITE: none

American History I will provide students with an understanding of the Progressive Era through the Great Depression. Possible topics will include, but not be limited to, cultural development, political movements, military conflicts, industrialization, influential people and inventions.

NAME OF COURSE: American History II

LENGTH OF CLASS: one semester
PREREQUISITE: none

American History II will provide students with an understanding of World War II through present-day. Possible topics will include, but not be limited to, cultural development, political movements, military conflicts, industrialization, influential people and inventions.

NAME OF COURSE: Psychology I

LENGTH OF CLASS: one semester
PREREQUISITE: grades 11-12

Psychology will be a semester long study of the human mind, thought process, and behavior. Students in psychology will study the history of psychology, the current theories in psychology, and examine studies in psychology. Topics of study throughout the semester will include sensation and perception, abnormal psychology and learning.

NAME OF COURSE: Advanced Placement Psychology

LENGTH OF CLASS: one year
PREREQUISITE: grades 11-12 and Instructor approval

Advanced Placement Psychology will follow the Advanced Placement curriculum set forth by the AP College Board. The year long course will be a study of human behavior and mental process, including a study of the major theories in psychology, development of the human psychology throughout life, abnormal psychology, learning and memory, and motivation. The class will also study the central nervous system where there is some crossover with Anatomy and Physiology. Students will have the option to take the AP Psychology exam in the spring to possibly gain college credit.

NAME OF COURSE: Sociology I

LENGTH OF CLASS: one semester
PREREQUISITE: grades 11-12

Sociology I is the study of human society and social behavior. The class will study the origins, organization, established institutions and development of human society. Special groups and the challenge of social change are also examined.

NAME OF COURSE: Sociology II

LENGTH OF CLASS: one semester
PREREQUISITE: Sociology I with a grade of C, grades 11-12

Sociology II will focus on social issues and established social institutions. Possible topics of study include (1) adults in society; (2) social stratification; (3) racial and ethnic relations; (4) gender, age, and health; (5) the family; (6) education and religion; and (7) sports and the mass media.

NAME OF COURSE: World History I

LENGTH OF CLASS: one semester
PREREQUISITE: none

World History I begins with the review of Ancient Civilizations through Renaissance and Revolution. Students will be shown understanding of the events in history and the impact it has around the world.

NAME OF COURSE: World History II

LENGTH OF CLASS: one semester
PREREQUISITE: none

World History II begins with the Rise of the Ottoman Empire and exploration through the Age of Revolutions. Students will understand the creation of the modern world and the impact of Globalization.

Also offered as elective credit (not for Social Studies Credit):

NAME OF COURSE: Leadership/Civic Responsibility

LENGTH OF CLASS: one/two semesters
PREREQUISITE: grades 10-12 and application

Leadership/Civic Responsibility class provides students an opportunity to study, practice, and develop group and individual leadership and organizational skills. These skills include (but not limited to): leadership roles, qualities and styles, goal setting, civic responsibility, decision-making, problem-solving, communication and project planning. Students work with their peers and adults in a setting that provides real-life experiences and gives them the support and structure necessary to deal effectively with those experiences. Students will have the opportunity to make a difference in their school and community and will gain leadership skills that will last a lifetime. This is a project-based class. Course may be repeated with a grade of B- or higher.

NAME OF COURSE: History of Sports

LENGTH OF CLASS: one semester
PREREQUISITE: grades 11-12

Students will examine the development of sport(s) in America. Our historical study will focus on students gaining an understanding of the relationship that sports has on social, economic, cultural and political forces in the United States as well as the world.

SPECIAL EDUCATION DEPARTMENT (elective)

RESOURCE PROGRAMS:

The resource program gives academic assistance and provides emotional support to any student who qualifies due to a handicapping condition, as designated by state guidelines. In order to qualify, a student must first be recommended to the Student Assistance Team. This can be done by his/her parent, teacher, administrator or counselor. Parents must sign an approval form before an evaluation can take place. Secondly, a student must have a diagnostic evaluation by the resource teacher and/or school psychologist. After the evaluation takes place, the findings are discussed with the parents and student. If the student and his/her parents decide to take advantage of the resource program, a staffing is held with the student, teachers, resource teacher, student's counselor and other appropriate school personnel to plan for the service (help) the student is to receive. Each student will be assigned to a resource teacher and resource room.

All classes in this program will follow the regular education curriculum but will be modified to meet the individual student's needs based on their Independent Education Program (IEP) objectives. The resource classes will refer to the course descriptions listed in the registration handbook.

NAME OF COURSE: Elements of Music

LENGTH OF CLASS: Two semesters
PREREQUISITE: Those who qualify

Elements of Music is a special course offered to allow students the opportunity to experience playing musical instruments, listening to music, moving with music, creating music, and feeling music. The course is designed to give everyone the opportunity to have fun learning about music!

NAME OF COURSE: Independent Living

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify, junior or senior standing

Functional life skills are taught that promote the student's independence in adult life. Areas of instruction include: home management, money management, financing and banking, meal planning, purchasing clothing, managing their health, travel planning and telephone skills. Independent Living strives to help students with household chores, budgeting and preparing students to live on their own. Also self-advocacy, getting a job, prepare for job interview, and how to find an apartment.

NAME OF COURSE: General Biology

LENGTH OF CLASS: Two semesters
PREREQUISITE: Those 10th graders who qualify

This course focuses on a broad variety of topics studied in less depth than regular Biology and moves at a slower pace to increase comprehension of information. Students will explore the areas of:

- Scientific methods, problem solving, measurement, and unit analysis
- Current cell theory and the structure, function, and behavior of cells
- Photosynthesis and energy use in cells
- Reproduction of plant and animal cells
- Classification and principles of taxonomy
- The five kingdoms of living organisms
- Principles of ecology

NAME OF COURSE: Integrated Physical Science

LENGTH OF CLASS: Two semesters
PREREQUISITE: Those 11th graders who qualify

This course focuses on a broad variety of topics studied in less depth than regular Integrated Science and moves at a slower pace to increase comprehension of information. These topics include:

- Scientific method, problem solving, measurement, and unit analysis
- Motion and forces
- Classification of matter – elements, compounds, mixtures, and solutions
- Atomic structure and periodic table trends
- Electromagnetic waves and wave behavior
- Magnetism

NAME OF COURSE: Integrated Earth Science

LENGTH OF CLASS: Two semesters
PREREQUISITE: Those 9th graders who qualify

This course focuses on a broad variety of topics studied in less depth than regular Integrated Science and moves at a slower pace to increase comprehension of information. This course focuses on earth science and physical science concepts. Students will explore the areas of:

- Scientific method, problem solving, measurement, and unit analysis
- Motion and forces
- Plate tectonics
- Earthquakes
- Volcanoes
- Minerals and rocks
- Fossils and radiometric dating, law of superposition
- Human impact on resources

NAME OF COURSE: Vocational Exploration

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify, junior or senior standing

Vocational Exploration allows students to research college and employment options. Students will be introduced to outside agencies that may assist with the transition from high school to the workforce or college.

- Speaking and listening skills
- Interview etiquette
- Researching career and/or college options (availability, cost, length of program)
- Use transition services (VR of Nebraska, Ed Quest, Workforce Development)
- Interest inventory assessments (students strength, weakness, interests and dislikes)

NAME OF COURSE: American History

LENGTH OF CLASS: two semesters
PREREQUISITE: Those who qualify

This class will provide students with a comprehensive understanding of how our past links us to present day. Possible topics will include, but not be limited to, cultural development, political movements, military conflicts, Industrialization, influential people and inventions.

NAME OF COURSE: American Government

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify

This class will cover the establishment of our American Government; the legislative, executive, and judicial branches of the national government, state and local government (city and county); and the election process. Contemporary government issues will also be discussed.

NAME OF COURSE: World History

LENGTH OF CLASS: Two semesters
PREREQUISITE: Those who qualify

In this course, students will study the Middle Ages through the Industrial Revolution during first semester and then study the 19th and 20th centuries during second semester. As this is a resource class, the course may discuss other eras for background information to help students better comprehend the curriculum. Students will be shown understanding of trends in history and the spread of knowledge and technology around the world.

NAME OF COURSE: Pre-Vocational

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify

Pre-vocational training is a work-study preparation program. The class content involves materials necessary for successful job placement. Students will focus on:

- Career awareness and exploration
- Job skills and job seeking skills
- Social skills
- Speaking/listening skills
- Vocational vocabulary
- Applications and resumes (for employment and college)
- Self-advocacy skills
- Miscellaneous topics based on student needs (hygiene, computer skills, speakers, community resources)

NAME OF COURSE: Career Exploration

LENGTH OF CLASS: two semesters
PREREQUISITE: Those who qualify;
junior and senior standing

In this course students will participate in unpaid work experience in a variety of settings for vocational exploration further developing their work social skills and work ethics.

NAME OF COURSE: CHOICES

LENGTH OF CLASS: Determined by ability and IEP team
PREREQUISITE: Those who qualify

The CHOICE transitional lab site is located at Southeast Community College-Beatrice. It is for students from the ages of 18-21 that have met their academic requirements for graduation but will continue to enroll in school. The program does/may include: grocery shopping, cooking, using coupons, meal/menu planning, laundry, daily living skills, functioning reading/math, budgeting/check writing, filling out job applications, cleaning, community awareness and job shadowing, social skills, and transitioning from school to adult living.

NAME OF COURSE: Functional Mathematics

LENGTH OF CLASS: Two semesters
PREREQUISITE: Those who qualify

This mathematics class is an individualized course designed to meet the needs of those students who qualify pertaining to basic computation skills.

NAME OF COURSE: Algebra I Year I

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; 9th graders

The traditional Algebra I curriculum is taught over a two year period for students who qualify. Algebra I Year I covers the first semester of Algebra I, including the concepts of number and operation sense, estimation skills, and the ability to solve equations with multiple variables. Students will also be responsible for identifying and solving for slope and slope intercept form. Students will apply mathematical ideas to real-world situations. This course revolves around a broadened approach to core topics integrating the use of Algebra. Students will use the skills of reading, listening, interpreting and evaluating mathematical ideas.

NAME OF COURSE: Algebra I Year II

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; 10th graders

The traditional Algebra I curriculum is taught over a two year period for students who qualify. Algebra I Year II covers the second semester of Algebra I. Students will start the semester with a brief review of topics from Algebra I Year I. Students will continue through the course, graphing multiple systems of equations followed by exponential functions, quadratic equations, rational functions and ending with a brief introduction to statistics and probability.

NAME OF COURSE: Geometry I Year I

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; 11th graders

Traditional Geometry curriculum is taught over a two year period for students who qualify. Geometry I Year I covers concepts typically taught during the first semester of Geometry. This course will introduce facts and figures that are composed of lines, points and surfaces. The use of Algebra will be used to make

conclusions with lines in the coordinate plane. Topics will be covered at a slower pace while making the connection between basic algebraic concepts and geometry.

NAME OF COURSE: Geometry I Year II

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; 12th graders

Traditional Geometry curriculum is taught over a two year period for students who qualify. Geometry I Year II covers concepts typically taught during the second semester of Geometry. This course is designed to move at a slower pace starting with a review of Algebra concepts and Geometry I Year I concepts. The intent is for students to develop an orderly and logical approach to solving math problems. Formal proofs with the use of technology will assist in making conclusions. Knowledge of Geometry and the algebra concepts are used in preparation for transition.

NAME OF COURSE: Current Events

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify

Current Events class will discuss events currently happening in our community, state, country and the world. Three areas will be used to analyze information given in a variety of mediums: Listening Comprehension by watching news shows and having to relay information that was heard; Reading Comprehension by reading print and internet articles and relaying information that was read. Students will begin to put together the current trends in today's news and gain an understanding of how and why things happen in our world and utilizing this knowledge to become more informed citizens and more conscious of what is going on in our community, state, and nation.

NAME OF COURSE: Personal Fitness

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify

Personal Fitness is a physical education class designed to increase the student's fitness level and teach life skills dealing with the knowledge of the importance of a physical fitness lifestyle. Half the class time will be aerobic walking for at least twenty (20) minutes. The second half will be participation in team activities, with an emphasis placed on team work and sportsmanship. Sports to be included are: basketball, badminton, soccer, Frisbee, football, and kickball.

NAME OF COURSE: English I

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify

This class is designed to develop communication skills in spoken and written language for real life and vocational preparation. This course is to practice spelling; a basic survival word list; develop reading fluency; practice and review listening skills; and responding in conversation. The course works on basic grammar, sentence and paragraph structure, letter writing and filling out applications and forms.

NAME OF COURSE: English II

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; English I

This course will help develop the skills necessary to communicate effectively through speaking and writing; to synthesize and analyze a variety of tests; and to extend learning beyond the academic realm.

NAME OF COURSE: English III

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; English II

This course will help develop the skills necessary to communicate effectively through speaking and writing, to synthesize and analyze a variety of texts, and to extend learning beyond the academic realm. Student will read literature selections, and study the relevance to today's world through media and various novels.

NAME OF COURSE: English IV

LENGTH OF CLASS: one year
PREREQUISITE: Those who qualify; English III

This course will help develop the skills necessary to communicate effectively through speaking and writing; to synthesize and analyze a variety of texts; and to extend learning beyond the academic realm. To begin the course, we will practice critical thinking skills and explore our own individual writing.

NAME OF COURSE: Personal Finance

LENGTH OF CLASS: one semester
PREREQUISITE: Those who qualify

Everyone needs financial skills to make smart decisions about money. Money is an integral part of everyday life. Learning to use money in meeting basic needs is an important step toward independence.

This course will focus on:

- Practical money skills
- Purchasing
- How to make change/identify coins
- How to save money and use a bank account
- Budgeting

NAME OF PROGRAM: WORK-BASED LEARNING ~ CAREER READINESS

Career Education or Work-Based Learning in Nebraska is comprised of three components:

1. **CAREER DEVELOPMENT** – A school site career preparation class where students gain the essential academic and occupation preparation for transition to further education and/or a career.

2. **WORK-BASED LEARNING/OCCUPATIONAL INTERNSHIP** – Work site career applications where students work in a paid on-the-job position for five (5) to twenty (20) hours per week utilizing the structure of cooperative education; and

3. **CONNECTING ACTIVITIES** – Activities or programs that help link school and work-based educational programs, where each component of the system is coordinated with the expectations of students, teachers, parents, employers, community-based organizations/agencies, and postsecondary education institutions.

Work based learning takes place at both the work site and school site and is an initiative to make lifelong career development easier and more natural by linking learning at school to application of learning at the work site. The School-to-Career system offers students the opportunity to explore what it takes to become college and career ready, study different career fields and clusters, and develop the basic employability skills required of all workers.

Selection into School-to-Career consists of:

- Completing an application
- Age 16 or older
- Classified as a Junior or Senior
- Review of current school attendance
- Receive parent/guardian permission
- Have own transportation
- Be recommended by three instructors
- Receive counselor approval
- Be interviewed and approved by the teacher-coordinator
- Parental release of information between school/worksite and worksite/school

Approved students must enroll and successfully complete a one semester school-based learning course called Career Development to participate in Work Based Learning and/or Occupational Internship.

CAREER DEVELOPMENT:

School is your job! This class offers school site learning that will focus on academic or career preparation. Career Development will examine the life-long process through which individuals come to understand themselves as they relate to the world of work and their role in it. Students will engage in activities in career and educational planning, job search, maintaining success in the workplace, workplace ethics, social and cultural awareness and understanding, financial well-being. Students enrolled in this class will also work to improve computational skills, communication skills, computer and other technological skills, a good work attitude, appropriate work behaviors, job seeking skills, and job coping skills. Students enrolling should consider concurrent enrollment in a Work-Based Learning or Occupational Internship period(s) or consider enrollment the following year.

WORK-BASED LEARNING:

Work-Based Learning serves as an enrichment opportunity for students with a specific career objective or who desire to complete a portion of their elective credit training in the workplace. Students train in paid positions based on their area of interest and positions available. Students must attend a minimum of four scheduled classes which does not include Career Academy Introduction to Education, student aide, study hall or release periods, and must maintain an average of five (5) hours work/week for each Work-Based Learning period.

In order to provide the most realistic work experience, this structured work experience will be approached from an employer/employee relationship. Student learners (employees) will be required to remain in GOOD STANDING throughout the semester—**including attendance at school**. Student learners should:

1. Average a minimum of five (5) hours of work per week for each release period (one period Work-Based Learning = five (5) hours work/week, two periods Work-Based Learning = ten (10) hours work/week, etc.);
2. Maintain employment at one work-site for the entire semester, (changing employment will need **prior** approval from the coordinator and will be very limited),
3. Submit weekly work logs which document actual work hours;
4. Submit copies of pay stubs with wage records reports verifying hours, pay and deductions after each pay period, and;
5. Attend meetings or check in as needed with teacher-coordinator (employer). A student may earn a maximum of sixty (60) hours credit while in high school, and need to enroll and successfully complete Career Development prior to or during the first semester of Work-Based Learning.

OCCUPATIONAL INTERNSHIP:

Occupational Internship is open to seniors (juniors with permission) who have completed all the high school offerings in an occupational area and are interested in further education at a community college, technical institute, and/or postsecondary education institution. Enrollment will offer students the opportunity to gain additional knowledge and skills in the actual career/work environment. Students will train in paid positions maintaining an average of five (5) hours work/week for each Occupational Internship period. A student may earn a maximum of sixty (60) hours credit while in high school, and MAY be eligible for advanced standing, advanced placement, or dual-credit available through articulation agreements with postsecondary education institutions, including community college. Students must attend a minimum of four scheduled classes which does not include Career Academy Introduction of Education, student aide, study hall or release periods. Students need to enroll and successfully complete Career Development prior to or during the first semester of Occupational Internship.

JOB SHADOWING EXPERIENCE: (one semester, one period, senior year)

Job Shadowing is a Work-Based Learning activity that provides an opportunity for individuals to examine careers within career fields that are interesting to them. Through job shadowing, students spend a few hours or a day with a professional working in a career of interest to the student. During this experience, a student has the opportunity to observe professionals performing daily tasks to determine if the job is something that interests the student. In addition, a job shadowing experience provides an excellent opportunity to ask questions, find out the challenges professionals in the field face, and learn from someone else's experience. This opportunity is available with special permission through the counselor and Work-Based Learning coordinator. Students will be required to submit a log of hours and personal journal of their experience.

NAME OF COURSE: Beyond High School~~ BHS-Personal Finance and BHS-Career Ed

LENGTH OF CLASS: one semester

PREREQUISITE: Juniors

(this course will be delivered and graded as individual classes—each one quarter in length)

Beyond High School is an integrated semester course on careers and personal finance that is required for graduation and typically taken during the junior year. This course is designed to help students pursue their personal goals toward college and career readiness and will help students become financially informed and responsible members of society.

This course will allow students to:

- Set goals and adjust their personal learning plan by identifying their interests, skills and values through academic and career planning.
- Schedule and complete a required Job Shadow based on their personal interests and strengths.
- Develop understanding and skills in money management, budgeting, financial goal setting, use of credit, insurance, investments and consumer rights and responsibilities.

The Beyond High School class is designed to help students follow their personal goals and successfully make the transition from high school to postsecondary education, the workforce, or military based on knowledge of self, career goals and financial consideration.

GENERAL RULE
Students who do not earn a passing grade the first semester of a World Language class may not continue with the second semester class.
It is strongly encouraged to audit first semester, if unsuccessful the previous year.
Our department advises students to take Spanish 1 and 2 in consecutive years.

NAME OF COURSE: Introductory Spanish

LENGTH OF CLASS: one semester
PREREQUISITE: 9-10 grades

This is an introductory course in Spanish that will introduce students to basic Spanish vocabulary and culture. This course is designed to elicit interest in the language that will inspire future study. It is offered for Freshmen and Sophomores planning to take Spanish I. If a student earns a D or F in 8th grade English, they are to take this course before taking Spanish I.

NAME OF COURSE: Spanish I

LENGTH OF CLASS: one year
PREREQUISITE: 9-11 grades,
English grade of C of higher

This course is a basic introduction to the Spanish language and the culture of the Spanish-speaking countries. Students will develop novice-level proficiency skills in speaking, writing, listening, and reading (SWLR). Students will analyze and use basic grammar as a tool for effective communication by developing language-learning strategies and skill-building.

NAME OF COURSE: Spanish II

LENGTH OF CLASS: one year
PREREQUISITE: Spanish I

This course continues to develop language skills in all four areas of communication (SWLR). Students will build on the grammar and vocabulary learned in the previous course by mastering additional vocabulary and new grammatical structures. Students will continue analyzing and using grammar as a tool for effective communication.

NAME OF COURSE: Spanish III

LENGTH OF CLASS: one year
PREREQUISITE: Spanish II,
recommended grade of B-, or
Instructor approval

This course is an advanced language course that continues with a more in-depth study of Spanish in the four areas of communication (SWLR). Students are expected to be familiar with the basic grammar/vocabulary learned during the first two years as a foundation for new concepts to be covered. Spanish will be spoken by the teacher 80-90% of the time.

NAME OF COURSE: Spanish IV

LENGTH OF CLASS: one year
PREREQUISITE: Spanish III, recommended grade of B-, or Instructor approval

This course is designed to interest and challenge capable students who desire to develop a greater degree in the Spanish language. Students are expected to have a well-developed vocabulary and a solid understanding of Spanish language structure. Students will develop cultural awareness of famous Hispanic artists and authors by examining their works and reading short stories written in Spanish. Spanish will be spoken by the teacher 90% of the time.

NAME OF COURSE: Chinese I
DISTANCE LEARNING

LENGTH OF CLASS: one year
PREREQUISITE: none

This is an introductory course in Mandarin Chinese (Putonghua), designed for students who have had no prior exposure to the Chinese language. The emphasis in this class is to develop listening, speaking, reading and writing skills using both Pinyin phonetic system and simplified Chinese characters.

NAME OF COURSE: Chinese II
DISTANCE LEARNING

LENGTH OF CLASS: one year
PREREQUISITE: Chinese I

This course continues to develop language skills in listening, speaking, reading and writing using both Pinyin phonetic system and Simplified Chinese characters. Students will build on the grammar and vocabulary learned in the previous course by mastering additional vocabulary and grammar.

NAME OF COURSE: Chinese III
DISTANCE LEARNING

LENGTH OF CLASS: one year
PREREQUISITE: Chinese II

This course is designed to introduce more complicated Chinese characters and expressions used in daily life and school. Students will learn to read, write and type more Chinese characters, and use them to construct more complex conversations and compositions. Various projects and activities will allow students the opportunities to dig deeper about Chinese culture, society, history, geography, etc.

GLOSSARY

Audit Grade (Example B#): A grade with a pound sign (#) behind it means a student has previously passed the course and received credit for it. Retaking the course (in the case of a math or foreign language class) gives the student the best opportunity to be successful in the second semester.

Concurrently: Occurring at the same time or during the same semester.

Credit hours: Credit hours are earned when a student successfully completes a class. Normal credit earned is five (5) credit hours per semester in a class which meets five (5) times per week.

Elective: A course which is not specifically required for graduation but the credit counts toward the total needed.

Lab fee: Students must pay a lab fee to take certain classes. The money is used to pay for materials used by the student. The money is not refundable.

One semester course: An eighteen (18) weeks course which students may take either first or second semester.

Prerequisite: A class that must be passed BEFORE the student attempts a particular class.

Recommended grade: It is important that students register for classes as recommended on pages two through six. Any student who wishes to take a class at a grade lower than the recommended grade, must have administrative approval.

Required: A specific course that the student must pass in order to meet graduation requirements.

Traditional: A class where daily assignments are given and daily classroom discussions are held. All students are expected to progress at the same rate of speed and take tests as they are scheduled. Teacher direction and involvement are at a maximum in these classes.

Two semester course: A course which is taught a full year. Students may begin the class at the beginning of either first or second semester.

Year course: A thirty-six (36) weeks course in which the successful completion of first semester is a prerequisite to the second semester.