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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:

Intro to Drawing/Painting None 9-12 one semester 23

Art Foundations None 9-12 one semester 23

Intro to Pottery/Sculpture None 10-11 one semester 23

Studio Art (drawing & painting) Art Foundations & Intro to Drawing/
 Painting and Grade Requirement 10-12 two semesters 24

Studio Art (pottery & sculpture) Intro to Pottery/Sculpture and Grade 10-12 two semesters 24

 Requirement

Advanced Studio Art Two semesters of Studio Art/ 11-12 up to four
 grade requirement and semesters 24

 Instructor’s approval

Business Marketing and Management:

Accounting 11-12 one year 25

Advanced  Accounting Accounting 12 one year 25

Business Law None 11-12 one semester 25

Intro to Bus/Marketing/ None 9-12 one semester 25
 Management

Business Technology Keyboarding Applications 10-12 two semesters 26

Personal Finance None 11-12 one semester 26

Keyboarding Applications None 9-12 one semester 26

Computer Applications Keyboarding Applications 9-12 one semester 26

Recordkeeping None 9-12 one semester 26

Communication Arts Department:

Advanced Theatre Introduction to Theatre, grade require- 11-12 one semester 27

 ment & instructor approval

Speech None 9-12 one semester 27

Introduction to the Theatre None 9-12 one semester 28

Journalism I None 9-12 one semester 28

Newspaper Journalism I, grade of B or higher 10-12 two semesters 29

 or instructor approval

Oral Communications None 9-12 one semester 28

Photo Journalism None 11-12 one semester 28

Play Production Instructor Approval 10-12 on semester 29

Yearbook Application Process, Journalism I, 10-12 two semesters 29

 Photo Journalism or instructor approval

Information Technology:

Information Tech. Applications none 9-12 one semester 30

 I, II, III, IV, V, VI (each course)

English Department:

English I None 9 one year 37

English II English I 10 one year 37

English III English II 11 one year 37

Advanced English III English II and application 11 one year 37

English IV English III 12 one year 38

Advanced English IV English III and application 12 two semesters 38

British Literature Grades 11-12 11-12 one semester 39

Creative Writing Grades 11-12 11-12 one semester 39

Non-Fiction Grades 11-12 11-12 one semester 39

Reading Strategies Those identified and/or recommended 9-12 one semester 39

Enrichment Courses:

Cadet Student Aide Senior Year and Interview 11-12 two semesters 40

 (two periods)

Career Development Junior/Senior 11-12 one semester 41

Career Exploration Approval 12 two semesters 41

Occupational Senior year and ALL classes offered 11-12 two semesters 41

 Internship in internship area, juniors with permission

Chinese I None 9-12 one year 42

Chinese II Chinese I 10-12 one year 42

Correspondence Work Approval 12 as arranged 42

Independent Study Administrator/Instructor Permission 12 one semester 42

Student Aide Approval 10-12 one semester 43

Life Management:

Life Management Grade 9-10 or Instructor Approval 9-10 one semester 44

Foods & Nutrition I Life Management/Instructor Approval 9-12 one semester 45

Foods & Nutrition II Life Management/Instructor Approval 9-12 one semester 45

Food Service /Culinary Arts Life Management/Foods & Nutrition I, II 10-12 one semester 45

 Instructor Approval

Child Development I Life Management 9-12 one semester 45

Early Childhood I Life Management/Child Development 10-12 one semester 46

 Instructor Approval

Beginning Clothing/Advanced Life Management/Beginning Clothing 9-12 one semester each 46

 Clothing

Skilled and Technical Sciences

Intro to Computer Aided Drafting None 9-12 one semester 47

Intro Architectural Technology I Introduction to Computer Aided Design 10-12 one year 47

Architectural Technology II Intro Architectural Technology I 11-12 one year 47

Mechanical CAD I Intro to Computer Aided Design 10-12 one semester 47

Mechanical CAD II Mechanical CAD I 11-12 one year 48

Advanced AutoCAD Mechanical Cad II or Arch Draft II 11-12 two semesters 48

General Automotive Maintenance None 9-12 one semester 48

Automotive Technology I None 9-12 one semester 48

Automotive Technology II Automotive Tech I, instructor approval 10-12 one year 48

Electricity/Electronics Comp Algebra 1 recommended 9-12 one year 49

Electricity Electricity/Electronics Comp 10-12 one semester 49

Manufacturing/Welding I None 9-12 one year 49

Manufacturing/Welding II Manufacturing/Welding I 10-12 one year 49

 and Intro to CAD

Manufacturing/Woodworking I None 9-12 one year 49

Manufacturing/Woodworking II Manufacturing/Woodworking I, Intro to 10-12 one year 50

 CAD recommended

Principles of Construction Intro to CAD, Woodworking 1 10-12 one year 50

 (Instructor Approval)

Application in Construction Principles of Construction (Instructor Approval) 11-12 one year 50

Career Development Internship and Approval 11-12 one semester 50

Mathematics Department:

Algebra 1 None 9-12 one year 53

Algebra 2A Geometry 10-12 one year 53

Algebra 2B Applied Geometry or Geometry 11-12 one year 53

Advanced Math I Algebra II A or B 11-12 one semester 53

Advanced Math II Algebra II A or B 11-12 one semester 53

Analytic Trigonometry Algebra 2A 11-12 one semester 54

Applied Geometry Algebra I 10-12 one year 54

Calculus Analytic Trig-Pre-Calculus 12 one year 54
Math Strategies Identification and/or recommended 9-12 one semester 54

Geometry Algebra I 9-12 one year 55

Pre-Calculus Algebra 2A 11-12 one semester 55

Probability & Statistics Algebra 2A or 2B 11-12 one year 55

Music Department:

Concert Band None 9-12 one semester 56

Band/Winds and Percussion Audition or Instructor Permission 10-12 one year 56

Comprehensive Musicianship Enrolled in performance based music class 10-12 two semesters 56

Marching Band None 9-12 one semester 57

Concert Choir Orange Singers, BHS Singers 10-12 one year 57

 or permission and Audition

Color Guard By Audition 9-12 one semester 57

First Edition Show Choir Audition or Instructor Approval 9-12 two semesters 57

Limited Edition Show Choir Audition & Concert Choir or Women’s 10-12 one year 58

 Show Choir

Limited Edition/Jazz Band Concert Choir or Women’s Show Choir 10-12 one year 58
 Concurrently & Audition

Orchestra Audition or Instructor Permission 9-12 two semesters 58

Music Technology/Intro to None 10-12 two semesters 58

 Music Theory

Jazz Ensemble Audition 10-12 one year 58

Wind Ensemble Marching Band, Audition, or 10-12 second semester 58
 Permission

William of Orange Singers None 9-12 two semesters 59

Physical Education Department:

Beginning Wellness Education None 9 one semester 60

Family Health None 9 one semester 60

Aerobics None 10-12 one semester 60

Recreational Team Sports None 10-12 one semester 61

Advanced Conditioning None 9-12 one semester 61

Science Department:

Advanced Placement Algebra, Biology, Chemistry and 11-12 one year 64

 Chemistry instructor approval

Advanced Placement Biology Biology, Chemistry and Instructor approval 11-12 one year 64

Anatomy & Physiology Two years of science and Instructor approval 11-12 one year 64

Integrated Bioscience One year of science 10-12 one year 65

Botany Int. Biology, Bio Science 10-12 one semester 65

Differentiated Chemistry Geometry, Integrated Biology, or 10-12 one year 66

 Bioscience with grade of

 A or B, or teacher recommendation

Chemistry Algebra I and one year biological science 10-12 one year 66

Geoscience I, II Gen. Biology or Instructor Approval 11-12 two semesters 66

General Biology Recommended 10-12 one year 67

Integrated Biology 8th grade recommendation 9 one year 67

Integrated Science 8th grade recommendation 9 one year 67

Physics Geometry 11-12 one year 68

Zoology Intro Bio or Bio Sci & instructor approval 10-12 one semester 68

Special Topics in Science Intro Bio or Bio Sci & instructor approval 10-12 one year 70

Social Studies Department:

American Government None 11 one semester 71

American History None 10 one year 71

World Geography None 9 one year 71

Human Relations None 11-12 one semester 72

Modern US History None 10-12 one semester 72

Advanced Placement Psychology None 11-12 one semester 72

Sociology None 11-12 one semester 72

World History I None 10-12 one semester 72

World History II None 10-12 one semester 73

Special Education Department:

Elements of Music None 9-12 one semester 74

Independent Living None 9-12 one semester 74

Consumer Math None 9-12 one semester 74

Science None 9-12 one semester 74

American History None 9-12 one semester 75

Vocational Exploration None 9-12 one semester 75

American Government None 9-12 one semester 75

Pre-vocational Training None 9-12 one semester 75

Reading None 11-12 two semesters 75

Career Exploration None 10-12 two semesters 76

Mathematics None 9-10 two semesters 76

English None 9-10 two semesters 76

Current Events None 9-12 one semesters 76

Fundamentals of Algebra None 9-12 two years 76

Fundamentals of Geometry None 9-12 two years 76

World Language Department:

Introductory Spanish None 9-10 one semester 77

Spanish I None 9-12 one year 77

Spanish II Spanish I 10-12 one year 77

Spanish III Spanish II 11-12 one year 77

Spanish IV Spanish III 12 one year 77

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 the Beatrice Public School, the parent or guardian of any child 9-12 shall furnish:***

1. Within 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 in accurate or suspicious in form or content will be reported immediately to local law enforcement.

**Notice of Nondiscrimination**

The Beatrice School 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, Title VI or Section 504, contact the Director of Special Services, Beatrice Public Schools, 320 North Fifth Street, Beatrice, NE 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 el reconocimiento o el o el acceso a o el tratemiento del empleo en sus programas y actividades.

Si usted se siente que usted ha sido discriminado contra, o ha inquirido, observada las actividades de queja o conformidad con el titula 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 402-223-1515 for an appointment to register and for a counselor assignment.

Beatrice Public Schools requires use of legal name (that printed on birth certificate.)

 Eighth grade students registering for ninth grade are encouraged to 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:**

 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 School District.

 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

 8 scheduled classes
 7 scheduled classes and 1 study hall
 7 scheduled classes and 1 student aide period
 6 scheduled classes and 1 study hall and 1 student aide period

 6 scheduled classes with 2 periods for cadet aide

2. Attend 7 periods
 7 scheduled classes with 1 release period
 6 scheduled classes and 1 study hall with 1 release period
 6 scheduled classes and 1 student aide period with 1 release period

 5 scheduled classes + 2 periods for cadet aide with 1 release period

3. Attend 6 periods

 6 scheduled classes with 2 release periods

 4 scheduled classes + 2 periods for cadet aide with 2 release period

 5 scheduled classes with 1 student aid - 2 release periods
 4. School to Career Program

 Students take a minimum of four scheduled class and are released for 1-4
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. A student may earn a maximum of sixty hours of school-to-career/CNA credit in high school.**

***JUNIORS***

1. Attend 8 periods
 8 scheduled classes
 7 scheduled classes and 1 study hall
 7 scheduled classes and 1 student aide period

 5 scheduled classes and 3 periods CNA or school-to-career
 5 scheduled classes, 2 school-to-career, 1 release period

2. Attend 7 periods
 7 scheduled classes with 1 release period

3. Attend 6 periods
 6 scheduled classes and 2 school-to-career

***SOPHOMORES***

1. Attend 8 periods
 8 scheduled classes
 7 scheduled classes and 1 study hall
 7 scheduled classes and 1 student aide period

***FRESHMEN***

1. Attend 8 periods
 8 scheduled classes
 7 scheduled classes and 1 study hall

**THE FOLLOWING COURSES ARE REQUIRED FOR ALL STUDENTS FOR BEGINNING WITH THE CLASS OF 2015:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sem 1** | **Sem 2** | **Sem 1** | **Sem 2** | **Sem 1** | **Sem 2** | **Sem 1** | **Sem 2** |
| **Communication****Arts:** | Journ. 1Intro toTheatre orOral Comm.or Speech | ---------- ` | One ---- | Sem. ---- | Course -- | During -- | Grade 9  | ThroughGrade 12 |
| **English:** | English I | English I | English II | English II | English III | English III | English IV | English IV |
| **Mathematics:** | Algebra I Geometry | Algebra I Geometry | Algebra IGeometry or Applied GeometryAlgebra 2A or 2B | Algebra IGeometry or Applied GeometryAlgebra 2A or 2B | MathRequirementInSequence | MathRequirementInSequence |  |  |
| **Science:** | Integrated ScienceOr Integrated Biology | Integrated ScienceOr Integrated Biology | Science requirement In sequence | Science requirementIn sequence | Science requirement In sequence | Science requirement In sequence |  |  |
| **Social Studies:** | WorldGeography | WorldGeography | AmericanHistory | AmericanHistory | AmericanGovern | Social Studiesrequirement |  |  |
| **Physical** **Education:** | BeginningWellness | FamilyHealth | 1 additional semester of P.E. |  |  |  |  |  |

 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 area.

 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:

 1 semester of Communications,

 8 semesters of English

 6 semesters of Mathematics,

 6 semesters of Science,

 6 semesters of Social Studies,

 3 semesters of Health and Physical Education,

 You must **pass** a minimum of these courses and earn **260 Hours** of credit. In addition, students must pass the Beatrice Essential Skills proficiency exams. Students who do not meet these minimum requirements will not be allowed to participate in graduation ceremonies.

\*If a class meets 5 days a week, and you successfully complete that class, you will earn 5 credit hours for that class.

**THE FOLLOWING COURSES ARE REQUIRED FOR ALL STUDENTS for CLASSES OF 2013, 2014:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sem 1** | **Sem 2** | **Sem 1** | **Sem 2** | **Sem 1** | **Sem 2** | **Sem 1** | **Sem 2** |
| **Communication****Arts:** | Journ. 1Intro toTheatre orOral Comm.or Speech | ---------- ` | One ---- | Sem. ---- | Course -- | During -- | Grade 9  | ThroughGrade 12 |
| **English:** | English I | English I | English II | English II | Two semEnglishrequirement | Two semEnglishrequirement | one semEnglishrequirement |  |
| **Mathematics:** | Algebra I Geometry | Algebra I Geometry | Algebra IGeometry or Applied GeometryAlgebra 2A or 2B | Algebra IGeometry or Applied GeometryAlgebra 2A or 2B | MathRequirementInSequence | MathRequirementInSequence |  |  |
| **Science:** | Integrated ScienceOr Integrated Biology | Integrated ScienceOr Integrated Biology | Science requirement In sequence | Science requirementIn sequence | Science requirement In sequence | Science requirement In sequence |  |  |
| **Social Studies:** | WorldGeography | WorldGeography | AmericanHistory | AmericanHistory | AmericanGovern | Social Studiesrequirement |  |  |
| **Physical** **Education:** | BeginningWellness | FamilyHealth | 1 additional semester of P.E. |  |  |  |  |  |

 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 area.

 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:

 1 semester of Communications,

 7 semesters of English

 4 semesters of Mathematics,

 4 semesters of Science,

 6 semesters of Social Studies,

 3 semesters of Health and Physical Education,

 You must **pass** a minimum of these courses and earn **240 Hours** of credit. In addition, students must pass the Beatrice Essential Skills proficiency exams. Students who do not meet these minimum requirements will not be allowed to participate in graduation ceremonies.

\*If a class meets 5 days a week, and you successfully complete that class, you will earn 5 credit hours for that class.

**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 L(G.P.A) and Class Rank. These become important aspects of your school record as you approach the end of your high school career.

Any student in a traditional or individualized class should receive a grade (mark.) Those grades that a student may receive are shown to the left. 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 at the left 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.

If on your semester grade card there is a grade that appears with an asterisk (e.g. B\*), it means that you passed the course but will not receive credit because you have missed 11 or more days of that class. This class ***does***  *count for departmental graduation requirements* , however, the class ***does not*** *count towards total hours for graduation* . A student who receives a passing grade with an asterisk does not have to repeat the class.

Note: Grade point average is negatively affected by an asterisk grade.

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).

Any student in a traditional or individualized class should receive a grade (mark.) Those grades that a student may receive are shown to the left. 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 at the left 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.

** Grading (Marking) Scale**

**A** = 93% - 100% **P** = Passed

 **B** = 86% - 92% **S** = Satisfactory

**C** = 78% - 85% **U** = Unsatisfactory

**D** = 70% - 77% **I** = Incomplete

**F** = Below 70% **WP** = Withdrew Passing

 **WF** = Withdrew Failing

**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, &WF. Grade equivalents are as follows:

A = 4 points / credit hour

B = 3 points / credit hour

C = 2 points / credit hour

D = 1 point / credit hour

F = 0 points / credit hour

\* If a class meets 5 days a week, and you successfully complete that class, you will earn 5 credits for that class.

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 above point values,

2. Then multiply the points for each class by the number of credits 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 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,INC,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 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 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 maybe 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 each 9 week (quarter) period.

  **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 requirements of Honor Roll each quarter.

 Grade 9: First three quarters of the freshman year.

 Grade 10: Fourth quarter of 9th grade and first three quarters of the 10 th grade year.

 Grade 11: Fourth quarter of 10th grade and first three quarters of the 11th grade year.

 Grade 12: Fourth quarter of 11th grade and first three quarters of the 12th grade year.

 Grades 10-12 students must be enrolled in at least three (3) core courses each quarter that qualify and are listed below. Ninth graders in two eligible core courses that qualify and are listed below:

**English: Science:**English I Advanced Placement Biology

English II Advanced Placement Chemistry

English III Anatomy and Physiology

Advanced English III Integrated Bioscience

English IV Botany

Advanced English IV Integrated Biology

Creative Writing Integrated Science

Non-Fiction Special Topics in Science

British Literature Chemistry

 Differentiated Chemistry

 **Math:** GeoscienceAlgebra 1 Physics

Geometry Zoology

Algebra 2A

Analytic Trigonometry **Soc. Studies:**

Pre-calculus World Geography

Calculus American Government

Probability and Statistics American History I, II

 Modern US History

 Advanced Placement Psychology

 Sociology

 World History I, II

  The determination of the eligibility is always made at the end of the third quarter.

  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. “2013”).

 Students might make note that some of the scholarships by the 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 three 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:**

 ***semester***. When you drop an eighth class within 4 weeks of the beginning of the semester you will receive a grade of “WP” (withdraw passing) or “WF “ (withdraw failing) which ever 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 “0” hours of 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 “0” hours of 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:

**Class of 2014, 2013** **Class of 2015, 2016**

Freshman (9th grade) 0-49 credits Freshman (9th grade) 0-59 credits

Sophomore (10th grade) 50 to 99 credits Sophomore (10th grade) 60-119 credits

Junior (11th grade) 100 to 159 credits Junior (11th grade) 120-179 credits

Senior (12th grade) 160 + credits Senior (12th grade) 180 + credits

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 & Lincoln campuses.

ð **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.

ð **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. All high school course regulations apply.

Check with your counselor and /or the registrar at BHS for more specific information.

**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, some 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 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 coursework 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 7th semester, or you can continue until you meet requirements or turn 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, have passed all Essential Skills tests 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 student states his/her reason for desiring to leave school early, the counselor indicates the coursework remaining and parents give their written permission to leave school at the end of first semester.

 Before November 15, the principal will arrange a face-to-face conference with you, your parents, and the school principal 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 (you won’t get it) until the graduation ceremony in May. You will be con-sidered an official graduate and your high school **transcript** will indicate the last day of the 1st semester as your graduation date.

 ** Late Graduation:**

 There are times when a student is unable to complete their required course work in time for commencement (graduation ceremonies). If a student is within 10 credits 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.

Some area school districts offer summer school. By working with your counselor and the administration, you may be able to receive up to 10 credits 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.

 While your diploma may be dated May of the year you graduate, the 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 determined by the action taken.

Correspondence work completed after May 1 will be recorded in August. The only exception will be if you are a senior, need the credit for graduation, and have administrative approval.

 **NSAA Eligibility**

If you did not pass enough courses second semester to be eligible for NSAA sanctioned activities, you may take summer courses to become eligible for the fall term.

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

Students who are at least 16 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 SoutheastCommunity 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 1 unit represents one full year of study:

 English 4 Units

 Mathematics 3 Units \*

 Social Studies 3 Units

 Natural Sciences 3 Units

 Foreign Language 2 Units2

 Additional requirements 1 Unit3

Table 1 gives more detail of the courses that are required in each of these broad areas.

\*Pre-Algebra does not count in unit requirements.

**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

1. 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.
2. 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 UNITS4 UNIVERSITY-WIDE REQUIREMENTS**

English 4 units All units must include intensive reading and writing experiences. Innovative interdisclinary courses and courses in speech and journalism may be substituted if they include substantial amounts of reading and writing.

Mathematics 3 units Algebra 1, Algebra II and geometry.5

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. 1 of the above units must include laboratory instruction.

Foreign Language 2 units Both units must be in the same language.6

 **UNK UNL UNO**

Additional 1 unit 1 unit chosen from Mathematics: 1 additional 1 unit chosen from

Academic any academic unit that builds on a any academic

Requirements discipline. knowledge of algebra? discipline.

TOTAL UNITS 16 units 16 units 16 units 16 units

4. 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.

5. Students seeking admission to UNL will be required to complete an additional unit of mathematics (see Footnote 7 below).

6. 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.

7 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)**

There are a variety of art classes available at the Senior High. Students with a special interest in drawing and painting should begin by taking Introduction to Drawing/Painting and Art Foundations.

**NAME OF COURSE: Introduction to drawing/ LENGTH OF CLASS: one semester
 painting PREREQUISITE: none**

A beginning art course designed to introduce students to basic drawing and painting techniques. The elements and principles of design will be the major focus. Developing basic art production skills and exploring various art media will be emphasized. A $10.00 lab fee will be charged for consumable supplies.

Evaluation:

a. Tests and quizzes on concepts and terminology.

b. Teacher observation of student effort, participation, and use of studio time.

c. Completed drawings and paintings.

INTENT: This course is intended as an introductory class in art for students with an interest in art. It is intended to provide a basic art experience for students who want to know more about visual art.

**NAME OF COURSE: Art Foundations LENGTH OF CLASS: one semester
 PREREQUISITE: none**

A beginning art course designed to introduce students to art. The disciplines of art history, aesthetics and art criticism will be emphasized. Art production exercises will be interrelated with these three disciplines for a deeper understanding of art in general. A $10.00 lab fee will be charged for consumable supplies.

Evaluation:
a. Tests and quizzes relating to activities.

b. Teacher observation of student effort, participation, and use of studio time.

c. Completed art projects.

INTENT: A beginning art course intended to help students understand more about the four art disciplines: aesthetics/understanding art, art criticism/evaluating art, art history/development of art, art production/creating art.

**NAME OF COURSE: Intro to Pottery/Sculpture LENGTH OF CLASS: one semester
 PREREQUISITE: Grades 10 & 11**

EMPHASIS: A beginning course in pottery and sculpture techniques. The course is primarily a studio production class with art criticism, aesthetics and art history interrelated with studio processes. A $10.00 lab fee will be charged for consumable supplies.

Evaluation:

a. Tests and quizzes over concepts and terminology.

b. Teacher observation of student effort, participation and use of studio time.

c. Completed pottery and sculpture projects.

INTENT: This course is intended for students who would like to learn more about art and its design principles but have a special interest in pottery and sculpture.

**NAME OF COURSE: Studio Art Drawing/Painting LENGTH OF CLASS: two semesters
 PREREQUISITE: Art Foundations,
 Intro to Drawing/ painting,Minimum grade requirement approval**

EMPHASIS: Artistic problem solving—Art production. This class is primarily a studio class designed to further develop artistic skills, creative processes and exploration of mediums and techniques learned in previous related basic classes. Self-expression, creativity, skill and problem solving will be emphasized. A $10.00 lab fee will be charged for consumable supplies.

EVALUATION: Studio Art students will become involved with self-evaluation criteria for each unit in cooperation with the art teacher’s evaluation.

INTENT: Students in this course will work in the areas in which they have had basic preparation from prerequisite courses. Students may also be charged for additional supplies.

**Name of Course: Studio Art Pottery/Sculpture Length of Class: two semesters Prerequisite: Intro to Pottery/ Sculpture Minimum Grade Requirement, approval**

Emphasis: Artistic problem solving - Art production. This class is primarily a studio class designed to further develop artistic skills, creative processes and exploration of mediums and techniques learned in previous related basic classes. Self-expression, creativity, skill and problem solving will be emphasized. A $10.00 lab fee will be charged for consumable supplies.

Evaluation: Students will be graded on individual studio projects, use of studio time, effort and participation.

Intent: Students in this course will work in the areas in which they have had basic preparation from prerequisite courses. Students may also be charged for additional supplies.

**NAME OF COURSE: Advanced Studio Art LENGTH OF CLASS: up to four Sem.
 PREREQUISITE: two semesters of
 studio art with
 studio grade
 requirement Instructor Approval**

EMPHASIS: Independent art production and/or art research. This class is offered only to students having demonstrated ability to work independently during studio projects. Students must have previously completed Studio Art maintaining average studio grades of at least 90%, and have instructor’s approval before registering. Advanced Studio Art is intended for students with a special interest in art. A $10.00 lab fee will be charged for consumable supplies. Students may also be charged for additional supplies.

EVALUATION: Advanced Studio Art students will become involved with self-evaluation criteria for each unit in cooperation with the art teachers evaluation.

**BUSINESS MARKETING & MANAGEMENT**

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 advance 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**

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: Intro to Bus/Mar LENGTH OF CLASS: one semester
 and Management PREREQUISITE: None**

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

**NAME OF COURSE: Business Technology LENGTH OF CLASS: two semesters PREREQUISITE: keyboarding app**

This course is designed to develop the attitudes, techniques and skills necessary for success in today's fast-paced business world. The integration of emerging technologies and business principles are incorporated throughout this course. Students will gain knowledge of advanced keyboarding techniques, business presentations, payroll, office procedures and machines using the latest available technology.

Specific areas of study will include keyboarding speed improvement and advanced techniques, office procedures, skills and techniques used in today's offices, 10-key pad, presentation software and techniques, automated payroll, personal data assistants, telecommunications/office skills, records management, and personal relations.

**NAME OF COURSE: Personal Finance LENGTH OF CLASS: one semester
 PREREQUISITE: Grades 11-12**

The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

**NAME OF COURSE: Keyboarding Applications LENGTH OF CLASS: one semester
 PREREQUISITE: none**

Keyboarding applications is designed to help students improve their skills and techniques of the keyboard. The beginning weeks are spent reviewing the keys and developing speed and accuracy. Introductory applications on memo, email, letters, short reports, and tabulations are emphasized throughout the class, as well as language arts skills. Successful completion of this course will enable students to be able to effectively use this technology in other courses.

**NAME OF COURSE: Computer applications LENGTH OF CLASS: one semester
 PREREQUISITE: keyboarding
 Applications**

Computer applications provides an intensive review of keyboarding skills. Emphasis will be given to learning proper formatting of personal letters, business letters, memos, reports, tabulations and business forms. Students will continue to develop speed and accuracy. Successful completion of this course will allow students to **EFFICIENTLY** type various business documents properly.

Students who complete this course with a grade of “A” or “B” and have achieved a typing speed of 45 words per minute may receive advanced placement and credit in the business programs at Southeast Community College-Beatrice campus.

**NAME OF COURSE: Recordkeeping LENGTH OF CLASS: one semester
 PREREQUISITE: none**

This class is open to all students **not previously or presently** enrolled in an accounting class. The students will be provided with the basic business skills which are needed to solve problems associated with keeping records for everyday life. Areas of study will include: balancing a check book, payroll, cash payments, cash receipts, sales, purchases, journals and ledgers. Other business procedures and forms may be covered. A simulation will be used at the end of this course to display comprehensive knowledge.

**COMMUNICATION ARTS DEPARTMENT (requirement - five hours)**

Five hours of Communication Arts is required.

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

 Speech
 Introduction to Theatre

 Journalism I

 Oral Communications

These communications courses are also offered and count as electives:

 Advanced Theatre

 Play Production

 Photojournalism

 Newspaper

 Yearbook

**NAME OF COURSE: Advanced Theatre LENGTH OF CLASS: one semester PREREQUISITE: introduction to**

**Theatre, Grade of “B” or above or play Production and 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. 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, 8) duet acting. Students should have mastery over basic language skills and simple organizational techniques. Each student will determine individual goals based on his/her experience and skill, with the instructor, 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 Theatre is a survey course covering the origins of theatre in Western Civilization to present day. The class will concentrate on specific periods of theatrical development stressing performance, history, and literature. Students will be required to perform on individual and group basis in conjunction with the specific historical periods 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. This course meets the communication requirement for graduation.

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**NAME OF COURSE: Newspaper LENGTH OF CLASS: two semesters PREREQUISITE: journalism i
 grade of "B" ,
 application**

**process and**

**instructor approval**

Students will staff THE PIONEER, the school newspaper. They will write for, edit, sell ads, and layout the paper. This course may be taken more than one year. Students in this class will participate in contests, conferences and workshops in journalism. Sophomores, juniors and seniors who have taken Journalism I first semester may enroll second semester.

**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 five 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: Photojournalism LENGTH OF CLASS: one semester
 PREREQUISITE: Grades 11-12**

This course will focus on the composition of a good photograph. The first nine weeks will be spent studying the principles of composition. Students will also do several reports on well known photographers including samples of their work.

The next 9 weeks will be spent applying the principles studied in the first 9 weeks. Students will work on computers.

The emphasis will be on photojournalism in this course.

**NAME OF COURSE: Play Production LENGTH OF CLASS: One Semester
 PREREQUISITE: 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 participate at district contest. This is a performance-oriented class. This course does not meet the communication requirement for graduation.

**NAME OF COURSE: Yearbook LENGTH OF CLASS: two semesters
 PREREQUISITE: applic. process,
 journalism i
 b or above
 photojournalism
 b or above or 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.

Students interested in being on the yearbook staff will be required to turn in a 400 word critique of the previous year's yearbook. Yearbook staff selection will be based on this critique and the student's grade in Journalism I or Photojournalism.

**INFORMATION TECHNOLOGY APPLICATIONS ELECTIVE**

**NAME OF COURSE: Information Technology LENGTH OF CLASS: 5.0 each course Applications I, II, III, IV, V, VI Approximately one semester**

This course is designed to be flexible in both scheduling and credit. In order to meet the scheduling needs of the students at BHS, you will be allowed to enroll in an Information Technology Applications course any period that it is offered.

Also, in an effort to meet the various needs and computer abilities of our students, this course has been designed to be a course of your choice. You, the student will choose the content as well as the extent of your learning. Various independent units have been developed for you to choose from to complete your study. Each unit is awarded credit based on the difficulty of its content and the time needed to complete the unit. The number of units you complete willl determine the number of credits awarded for this course. Thus, the credit that you earn will be the credit that you receive in this course.

A major goal of this course to allow and encourage the students of BHS to pursue the use of computers and technology in all areas of your study i.e. English, Math, History, etc. By offering Information Technology Applications, in this flexible manner, we hope to more efficiently meet the needs of our schedule as well as to better utilize the technology equipment available to our students.

**Course content will be composed from the following options:**

 Please note: \*\*Units may change; as their availability is directly associated with the availability/reliability of district hardware and software.

***DESKTOP PUBLISHING UNITS - ADOBE PAGEMAKER***

Desktop Publishing (DTP) is using a personal computer to produce professional looking publications. Before DTP, a publication was prepared for printing using a process of cutting and pasting. These units will cover many aspects of DTP, including: general design concepts; basics of PageMaker - the software; design and typography of publications; keys to manipulating text; working with graphics, basic layout techniques; appropriate use of colors; designing advertisements, brochures, newsletters; working with long publications; and developing prepress techniques.

***CALENDAR UNIT -- (After Printshop/Scanner or Photoshop/Scanner and only available in Information Technology II or higher.)***

In these units students will use their imagination to develop a basic calendar from templates, and will have the opportunity to create their own personal calendar. Their calendars will be created using Printshop or Photoshop (students need to have completed one of these and Scanner prior to this unit) and will provide personal pictures, as well as important dates to them or their family. Dates/events would include National Holiday's, family birthdays and anniversaries, etc. This unit should be completed after Printshop/Photoshop and Scanner.

***CARD UNIT - (After Photoshop/Scanner and only available in Information Technology II or higher.)***

In this unit students will use their imagination to develop usable/mailable (cards you would actually use and send to someone) greeting cards. Their cards will be created in Photoshop, must include a front and inside section, and will be printed in color on card stock. The amount of credit will be determined by the number of usable cards which are printed. This unit should be completed after Photoshop and Scanner. Incomplete or unusable cards WILL NOT be graded.

***CLAY ANIMATION UNIT -- (After Power Point/Digital Camera)***

In this unit students will use their imagination to develop a story line. Their storyline is then brought to life in at least three to five pictures. More detailed storylines could contain many more pictures. Students complete their animation by using clay, backgrounds, lighting to take several pictures with a digital camera and then insert these pictures as backgrounds in a presentation program (PowerPoint). Students should complete both the PowerPoint and Digital Camera Units before completing this unit.

***DESIGN PROJECTS -- (Computer Technology II or higher.)***

 ***(Optional units, class fee of $1 - $11 per project applies.)***

In this unit students will be given the opportunity to design their own project. They will be required to plan, prepare and complete projects from beginning to end. Students will need to calculate the size of their 'canvas' and then plan and create an original work. This work will then be printed to fit into one of a number of purchased products. Sample projects could be mug, sipper cup, coaster, name tag, square/round paper weight, key chain, plate, cup, checkbook cover, snow globe, or other available projects.

***digital camera***

This unit combines the use of a digital camera, and a computer. By using a digital camera, the user gains the ability to take pictures and then to transfer the pictures to computer files, without the timely processes of photo developing and scanning. After the pictures have been captured and formatted, the user has the ability to manipulate the images by enhancement (changing the lighting), cropping, resizing, or a variety of other editing tools. Final images can then be imported into other documents or files.

***GOOGLE (Multiple units)***

During these units students will be learning more about Google, as a search engine as well as other functions and services available within the website. These students will include but will not be limited to the company history of Google, Google search, gmail, Google Docs, and productivity tools.

***HISTORY OF COMPUTERS UNIT Take-Home Unit***

Intro to Computers is a unit that looks at the development of our modern day computer system. Users will study: the history of computers, the components of a computer system, what a computer is, how a computer works, the advantages of using a computer, hardware, software, inventors, dates, languages, memory, as well as many other contributing elements to today's computer system. Additional topics will include networks, the Internet, telecommunications and the social and ethical implications of computers, and IT careers.

**keyboarding unit - touch-typing**

In this unit students will review touch-typing techniques. This unit may prove valuable if you are not a proficient typist. Do you look at the keyboard when you type? Do you use only one hand or only one or two fingers from each hand to type? Can you write faster with a pen or pencil than you can type? (If you answered yes to any of these questions, you are NOT a proficient typist.) By completing this unit, students will be better equipped to get the most out of high speed computers by developing the ability to input data (key information into the computer).

A computer processes data and text at the same speed for everyone but a person who keys 50 words a minute processes twice as much work as a person who keys 25 words a minute during the same amount of time. Increase your typing speed and develop skills for traveling down the Information Superhighway. Reinforce your keying skills in this Keyboarding unit.

***IMAGE BLENDER -- GRAPHIC EDITING***

This unit combines the use of a graphic file such as a digital pictures, clip art, a scanned image, and the Image Blender software. Image Blender is an interfaced program that is designed to give you access to image editing options beyond cropping, resizing and text options. At the push of a button, the user will be able to alter backgrounds, the shape of the picture's edge, the appearance of the edge, shadows and other picture attributes. Image Blender allows a user to quickly obtain professional looking graphics for use in many documents.

***INTEGRATION UNITS - MICROSOFT OFFICE (WP, SS OR WP, SS, DB)***

Students will be introduced to the ability to integrate data between files. Multiple files utilizing the same or a different application can be opened at the same time. Students will learn to use the task bar to enhance their ability to work with many files and many applications simultaneously. Students may create hyperlinks, embed files and link data. Students will work with files of the same type or of different types.

***INTERNET UNITS***

Students will be introduced to many aspects of the World Wide Web, including experience using the Internet for academic research. Activities will include researching a job opportunity, purchasing a car, researching a topic: **(gathering information, evaluating this information, *summarizing the information* and correctly cite the sources);** creating a document using word processing, spreadsheets databases, telecommunications, desktop publishing, presentation, and other applications software. Advanced projects on the Internet will be available. Hyperlinks will be used and information cannot be 'cut' and 'pasted' from websites. **Copying, from the web is PLAGERISM and will not be tolerated!! Direct quotes from the Internet WILL NOT be allowed for your unit work and could result in a reduced grade or no credit.**

***iPad***

The iPad is a tablet computer developed by Apple Inc. This device is equipped with a touch screen, services as an e-reader, web browser, plays videos & music & runs iPhone apps. An iPad is smaller than a laptop and larger than an iPhone and is capable of running a variety of applications and media. Students will explore an iPad through the use of internet as well as the apps that can be downloaded. Students will use an iPad device for e-reading, surfing the web, taking pictures, playing music/video. Other applications such as CloudOn, and DropBox will be used while completing this unit.

***iPod***

Explore one of today's essential accessories. An iPod is a pocket-sized portable media player that is created and marketed by Apple Inc. While completing this unit students will have the opportunity to download music, as well as apps. Educational apps such as CloudOn, DropBox, will be used while completing this unit.

***LEGOS UNITS - ROBOTICS - (Available in Computer Tech III or higher)***

This unit is available for students to test their creativity and programming logic. Students will experience "Lego robatics" during this unit. The user will use a set of instructions to create on object from Lego's and then 'program' the object to complete a variety of tasks such as: move, stop, and play music. An advanced activity will require the student to create their own object and program the object using a set of instructions. Students will have an opportunity to complete the following units: Basic, The Bug, The Car, The House, or The Gadget.

***Livescribe Smart Pen***

This unit allows students to learn about and use a Livescribe Smartpen. Smartpens record everything you write and hear so you'll never miss a word. They allow you to replay conversations or lectures simply by tapping on your notes. Smartpens utilize a special paper called Livescribe Dot Paper. Microdots printed on Livescribe dot paper enable the infrared camera at the tip of the Pulse smartpen to track everything you write down. Special Controls at the bottom of each page help you navigate pen applications and features. Students will also learn about Pencast, a digital version of your notes and audio, that becomes an interactive document allowing you to hear, see and relive notes exactly as they were captured.

***MEDIA BLENDER - INTERACTIVE MULTIMEDIA (Computer Technology II or higher.)***

This unit will allow students to engage many skills used in projects throughout their education. Students will improve their skills in areas such as project management, research, organization, presentation and reflection skills. Media Blender combines the use of a technology to share information, express ideas, and to develop multimedia products through the use of images, sound, movies, copyright-free media, integrated paint program.

***MICROSOFT ACCESS UNITS***

Microsoft Access is an electronic database program. An electronic database program lets you use the computer to collect, locate, update, and report information. There are thousands of uses for such a program, including managing payroll, personnel, sales, production, inventory, marketing, or patient information. With Access you enter information into the computer only once and then let the program manage the work. You can locate needed entries in seconds, update entries easily, view entries in various ways and produce professional-looking reports.

***MICROSOFT EXCEL UNITS***

Microsoft Excel is an electronic worksheet program that lets you use the computer to create, change, save, and print worksheets. You create the worksheet using the keyboard while the worksheet provides methods for storing words, numbers and the calculations based on those entries. Since the worksheet is electronic, it is easy to make corrections or to change your mind. For example, you can add or remove entries, move entries from one place to another, and even create attractive-looking charts. Excel also gives you the ability to print and save your work.

***MICROSOFT POWERPOINT UNITS***

Microsoft PowerPoint is an electronic presentation program. A presentation program lets you use the computer to create presentation material to use as visual aids, or to create an automatic presentation which would run on the computer. You can select any of PowerPoint’s professional created slides and layouts to which you simply need to add your information. This information can include text, drawings, charts, and graphs as well as any combination of the over 1,000 pictures included in this program. Special features of this program also help the user create organization charts, many types of graphs or charts, and bulleted lists.

Additional credit can be received for detailed projects that have been completed for other classes.

***MICROSOFT PUBLISHER UNITS***

Microsoft Office Publisher is a desktop publishing application, with emphasis placed on page layout and design rather than text composition and proofing. This desktop publishing program helps you create, design, and publish professional-looking marketing and communication materials. Desktop publishing is the use of the computer and specialized software to create documents for desktop or commercial printing. Desktop publishing refers to the process of using the computer to produce documents such as newsletters, brochures, books, and other publications that were once created manually using a variety of non-computer techniques along with large complex phototypesetting machines.

***MICROSOFT WINDOWS UNIT(S) Take-Home Only Unit***

Current windows operating system are continually changing. While our district recognizes the need to maintain current technology we cannot be expected to purchase and maintain every available operating system. In an effort to make this unit available for the largest number of students, there are multiple windows units from which to select.

In this unit the user will be introduced to a Windows operating system. Microsoft Windows is one operating system that is used on many IBM and IBM compatible computers. Students will select their choice of Windows units from those available. They will be introduced to their choice of operating systems. These units will discuss the use of menus, toolbars, and dialog boxes. These units will also discuss how to work with, organize and search for files. Currently, Windows units include:

• **Windows 2000** - The user will learn the basics required to operate the mouse, windows and dialog boxes. Proper handling and formatting of a diskette, making backups of a file, and using Windows 2000 tools are also introduced. Our current machines use Windows 2000 as an operating system, but our local network force some options to be unavailable. Any student, who is interested in completing this unit, should have outside (away from school) access to a machine with the Windows 2000 operating system.

• **Windows XP** - The user will learn the basics required to operate Windows XP applications, menus, toolbars, and dialog boxes. Students will also be expected to organize and search for files.

***MICROSOFT WORD UNITS***

Microsoft Word is an electronic word processing program, which lets you use the computer to create, edit, revise, print and save word processing documents. Throughout word you will begin to learn basic word processing features like moving, copying, annotations, find and replace, and sorting. More advanced features include using templates, multiple column documents, outlines, tables, and inserting charts and graphs. Intermediate and advanced projects will be available.

***OFFICE BASICS UNITS(completion required in Information Technology I)***

The major focus of this unit is to familiarize students with the updated menus and functions of Microsoft Office 2007. Throughout this unit, students will study the Office interface and explore the help menus, identify input, output devices, search the web and cite sources, understand e-mail etiquette and ethics, and explore creating secure passwords. This unit is essential to basic computer operations.

***OUTLOOK UNIT(S) Take-Home Unit Only***

While most email software packages are similar; students who would like to complete this unit should have microsoft outlook available as an email program at home.

In this unit the user will be introduced to Microsoft Outlook as an email tool. Students will look, simplify, and organize personal activities. Students will also explore the calendar tool and will use this to organize events, appointments, and tasks; the contacts tool and email etiquette.

Students who would like to complete this unit should have microsoft outlook available as an email program at home.

***PAINT UNIT***

Paint is an accessory program that typically is included in most windows operating systems when you purchase them. This program lets you create, edit, save and print computer drawings. Your drawings can range from very simple stick figures, to a very complex drawing with many elements. Paint also allows you to use your drawings in other software packages or even as screen savers on your computer system.

***PERSONAL DATA ASSISTANT (PDA) UNIT***

This unit on Personal Data Assistants (PDA's) was developed to give students an opportunity to utilize a tool common in today's workforce. Throughout this unit you will work with a personal data assistant learning graffiti, create an appointment calendar, maintain a date book, to-do lists, and establish an address book and learn to 'hot sync' your PDA and computer desktop. Students will be asked to create and edit entries in each of these features. Students will have the ability to enter data through a stylus, portable keyboard and the basic computer. Output will be generated through the use of a printer.

***PERSONAL FINANCE UNIT***

Personal Finance is a Unit that allows the user to experience the value of Excel in everyday life experiences. Throughout this unit, you will be faced with financing a loan, purchasing a car, computing the balance in your checking account, and many other "problems" that face American's in their daily lives. You will become more familiar with the many ways that Excel or any spreadsheet can influence and benefit your life.

***PHOTOSHOP ELEMENTS UNIT***

Photoshop Elements is a versatile program that enables you to learn and experiment with digital photo editing. This program will introduce you to main aspects of photo editing including: filters, effects, managing layers, editing backgrounds and adding text effects. You will complete activities using images provided with the software tutorial, from the internet and also through images that you take with a camera or import from a scanner. In addition you will learn to create combine images into professional looking printable work. You will also learn to take and merge panorama or very tall prints.

***PHOTO STORY UNIT***

Print Story is a software package that includes features that enable you to create a slideshow with your digital pictures, edit your pictures, create your story with original music, add narration, and share them with your family and friends. Your photo story can include components such as motion, narration, and music. In addition, you can use the dramatic pan and zoom effects, picture rotation, and cropping tools to customize your photos. The option is there to compose an original soundtrack from directly within Photo Story, narrate your story and add special effects, transitions, and much more. There are also several different options for saving a story and its associated project so that you can edit the story later or share it immediately.

***PICTURE IT! PUBLISHING***

Picture IT! is a software package from Microsoft that allows a user to create and print a variety of professional looking projects including but not limited to postcards, flyers, calendars, stationery sets, etc. Also included in this program's features is the ability to design your own, or to work from the edit pre-designed projects which may fit your needs. While this software also includes the ability to work with more electronic based projects such as email greetings, web pages, and photo projects, we will research these, but not actually complete these projects.

***PRINTSHOP UNIT***

Print Shop Premier is a versatile program that enables you to create professional looking printed materials for every occasion. The Print Shop Deluxe projects include Greeting Cards, Signs, Letterhead, Banners, Calendars, Envelopes and address and mailing labels. That's just the beginning, the program's wide range of features and wide variety of design elements allow you to create your own, or edit pre-designed projects to 'fit' your need. Everything from cards and announcements to menus, posters, coloring books, magnets, bookmarks, notepads, stationery, even bumper stickers and fax cover sheets.

***SCANNER - UNIT***

Using a scanner adds a whole new dimension to computer editing. This tool enables the user to create, view, edit, save and print scanned images. Our scanner can capture any flat object that fits on the flatbed-scanning surface of the equipment. High-resolution scanning allows you to produce high-quality images with the click of a single button on our machines. Users can dramatically enhance the impact of their communication by including images in any document: newsletters, reports, presentations, and brochures, personal letters, you name it, it can contain a graphic.

***TELECOMMUNICATIONS (The Future of Computers) UNIT take home unit***

In this unit the user will look at the future of computing, including the effects on computers of various technological developments, the career possibilities created by computers, and the social and ethical consequences of living in a computerized society. Elements of the future that will be studied include: modems, electronic bulletin boards, E-mail, microprocessors, artificial intelligence, expert computer systems, robotics, and careers in the computer area.

***T-SHIRT DESIGN***

In this unit students will be given the opportunity to design their own t-shirt. They will be required to plan, prepare and complete projects from beginning to end. Students will need to calculate the size of their 'canvas' and then plan and create an original work. This work will then be printed to fit into one of a number of purchased products. Sample projects could be mug, sipper cup, coaster, name tag, square/round paper weight, key chain, plate, cup, checkbook cover, snow globe, or other available options.

***ULEAD UNIT(S) - MOVIE editing (Available in Information Tech III or higher.)***

Movie Maker is digital editing software that allows the user to create a homemade movie. This digital creation will include; pictures, digital video, sound and animation. Students should have access to these materials and be willing to bring these materials from home. Students will also need to have a story line or 'plan' before they begin this unit. The ULead unit will take about twice as long as other units so plan to spend about three weeks for this unit.

***VIDEO CAMERA - Digital video camera (Information Technology II or higher.)***

This unit will introduce the student to shooting an editing video. Students will use a handheld device to record and playback video and photos. Students will also experience downloading video and photos.

***VIDEO BLENDER - INTERACTIVE MULTIMEDIA (Information Technology II or Higher.)***

This unit will introduce the student to Video Blender, a frame animation tool perfect to clay animation, stop-motion animation, and much more. Students will be able to add text, shapes, transitions to images, and add sound tracks or original narration to their animations. Student projects could include clay animation, animated text, demonstrations of systems (body system), video stories or animated stories.

***WINDOWS MOVIE MAKER - MOVIE EDITING (Available in Information Tech III or higher.)***

Windows Movie Maker is a video editing program that allows users to combine photographs, video clips and sounds and format them as a movie. Titles, transitions, and effects can also be added to make the movie look more professional. Movie Maker also allows you to save the final project in a format that can readily be shared onl



**ENGLISH DEPARTMENT**

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

The major purpose of this class is to prepare students for the classes they will be taking in literature and composition throughout high school and college. Students will experience an overview of all genres of literature: short story, nonfiction, poetry, drama and novel. A wide variety of selection from each type will acquaint students with similar selections they will encounter. Inference skills will be stressed. Compositions will be based on interpretation of literature. In addition, a research paper project will be required. Course work will include parts of speech, parts of a sentence, capitalization and punctuation with much of the study to be done as homework.

A reading from The Tragedy of Romeo and Juliet will form the basis for later reading of Shakespeare.

The 9th grade core course is taught on a 90 minute block of time which allows the course to be completed within one semester.

**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 with an emphasis on the importance of audience and specifics of style. Students will write compositions to inform, to persuade, to compare or contrast, and to analyze literature. This course will also include units of grammatical study including usage (standard English), clauses, and sentence writing. In addition, this course will examine Greek mythology and its relevance to modern life. Key works used in this course are Mythology by Hamilton and the Rouse translation of Homer's Odyssey. A transition to modern literature will come with readings from the work of Nebraska's Poet Laureate in Perpetuity John G. Neihardt including selections from Neihardt's Cycle of the West. Students enrolled in this course will also focus on two literary treatments of the problem of human relations in the United States: To Kill a Mockingbird by Harper Lee and I Know Why the Caged Bird Sings by Maya Angelou.

**NAME OF COURSE: English III LENGTH OF CLASS: one year
 PREREQUISITE: English II**

English III is a year-long course encompassing both composition and literature objectives. Students will compose a variety of compositions linked thematically to American literature studied throughout the course. Writing instruction will encompass 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 mid-twentieth century. Students must be willing and able to read authentic selections of classic literature with elevated vocabulary.

The other 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 an 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 the 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.

 • The corresponding title of the SCC class is Composition I (ENGL 1010).

 • Successful completion of Composition I would yield 4.5 quarter credit hours (3 semester hours).

**NAME OF COURSE: English IV length of class: one year
 PREREQUISITE: English III**

This year-long course involves the study of both composition and literature. The literature includes all genres from throughout the world. Students will write literary analysis compositions directly linked to the literature. In addition, students will write formal research papers on topics of personal choice. 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, and develop a deeper understanding of their own interests.

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 Southeast Community College, students may earn dual college credit. **While this class is open to any senior wishing to pursue the rigors of a college-level course, only students who have successfully completed 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 an SCC instructor.

The corresponding titles of the SCC classes are Introduction to Literature (ENGL 2100) and Composition II (ENGL 1020).

A grade of C or above in Introduction to Literature and/or Composition II would yield 4.5 quarter credit hours each (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, Conrad, Swift, Shakespeare, Golding, Chaucer, Orwell, 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.

**NAME OF COURSE: Nonfiction LENGTH OF CLASS: ONE SEMESTER PREREQUISITE: Grades 11-12**

Nonfiction is a course designed to expose students to a variety of different nonfiction writings. Students will explore the genre of nonfiction through the reading of novels, newspapers, famous speeches, and historical letters. As part of this course, students will be expected to write a research paper following the MLA guidelines as well as various other in class and out of class writings.

**Name of Course: Reading Strategies LENGTH OF CLASS: ONE SEMESTER
 prerequisite: Those identified and and/or recom-**

 MENDED

Students enrolled in this course will practice various reading strategies designed to improve comprehension and vocabulary. Reading materials will include both fiction and nonfiction. Students will be tested periodically to determine areas of improvement as well as skills that need further development. This course counts as elective credit. This course will be graded "P" or "F".

**ENRICHMENT COURSES (elective)**

**NAME OF COURSE: Cadet Student Aide LENGTH OF CLASS: two semesters
 two periods per day
 PREREQUISITE: senior year and
 interview or administrator approval**

Cadet Student Aide is offered for twelfth grade students who may be interested in working with young children. Enrolling in this course will give students an exposure to the field of education, and the experience of working with elementary or middle level students. The student will acquire a general insight into the organization and management of the classroom; the assessment and diagnosis of the individual educational needs of pupils; the planning, selecting, organizing and assisting in directing the learning experiences of pupils; the planning of teaching strategies, and the selection of available materials and equipment to be used; the evaluating and reporting of student progress.

A student enrolled in this course will be assigned to a school, and will be under the supervision of the building principal. The student will report to this building for two periods each day during the semester. The student will be graded by the principal and teacher, on pass/fail basis. The student must provide his/her own transportation.

Seniors must be enrolled in a minimum of four (4) other classes besides Cadet Aide. The administration will review all Cadet Aide schedules. Any student who wishes to be a Cadet 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.

**NAME OF PROGRAM: School-to-Career**

**Career Development**, a School-Based Learning class where students gain the essential academic and occupational preparation for transition to further education and/or a career;

**Career Exploration and/or Occupational Internship,** Work-Based Learning activities where students work in a paid on-the-job training position for 15-20 hours per week utilizing the structure of cooperative education; and

**Connecting Activities** where each component of the system is coordinated with the expectations of students, teachers, parents, employers, community-based organizations/agencies, and postsecondary education institutions.

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,

 • receive parent/guardian permission,

 • have own transportation,

 • be recommended by three instructors,

 • receive Counselor approval, and

 • be interviewed and approved by the teacher-coordinator

Approved students must enroll and successfully complete a one-semester School-Based Learning Career Development course.

**name of course: Career Development Length of Class: One Semester Prerequisite: junior/senior standing**

Class focuses on preparation for college and a career beyond high school. Learners will engage in activities related to career decision making, college selection, scholarships, financial aid, resumes, student essays, and employability skills based on employer expectations and national employability standards.

Approved students must also be concurrently or alternately enrolled in Career Exploration or Occupational Internship.

**NAME OF COURSE: Career Exploration LENGTH OF CLASS: one or two
 semesters; 4 hours per day
 PREREQUISITE: Career development
 Senior year Application Required or
 Special Permission
 By Administrators for Juniors. At least 16 years of AGE**

Career Exploration 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 averaging 15-20 hours per week based on their area of interest and positions available. Students must attend a minimum of four scheduled classes-does not include cadet aide, student aide, study hall or released periods. A student may earn a maximum of sixty hours credit while in high school.

**NAME OF COURSE: Occupational Internship LENGTH OF CLASS: two semesters
 PREREQUISITE: jr./sr. year and all
 classes offered in
 the internship area recommended
 for students attending
 technical school;
 career Development required; or permission**

**Occupational Internship** is open to Seniors (Juniors with permission) who have completed all of 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 averaging 15-20 hours per week. A student may earn a maximum of sixty hours of credit of high school credit 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-does not include cadet aide, student aide, study hall or released periods.

**Certified Nursing Assistant (CNA)** - training is available with permission through SCC-Beatrice and must be taken concurrently with Occupational Internship. Dual-credit is available through SCC-Beatrice and the School-to-Career program. Certified Nursing Assistant training is recommended for any student interested in pursuing a career in health care. This course has become a prerequisite for enrollment into most postsecondary education Nursing programs.

**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.

**name of Course: Chinese I 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 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.

NOTE: This course is a Distance Learning class taught via live video. The instruction originates from ESU 5. It is advisable to have a good understanding of how a language works.

**NAME OF COURSE: Chinese II 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 the previous course by mastering additional vocabulary and grammar.

NOTE: This course is a Distance Learning class taught via live video. The instruction originates from ESU 5.

**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 the meeting of 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/**

 **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. 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 guidance 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 the student services for recording of the student’s record.

**NAME OF COURSE: Student Aide LENGTH OF CLASS: one semester
 PREREQUISITE: soph., jr. or sr.**

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 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 a cadet student aide and a student aide for credit during the same semester. Teachers may have a maximum of two student aides during the school day.

**LIFE MANAGEMENT DEPARTMENT (elective)**

Beatrice High School Life Management may articulate classes offered in our department with SCC-Lincoln. The Human Services & Resources Department will offer three options for students to earn advanced placement and advanced standing at SCC-Lincoln. NOTE: See pages 49, 50, 51 for specific course information.

OPTIONS:

1. Foods

2. Child Development Services (taught alternating years)

3. Food Service/Child Development Services

Students participating in these options will participate in a paid/volunteer internship. Internships will be articulated with SCC-Lincoln as a part of SCC-Lincoln internship program.

***Eligibility:***

To be eligible to participate in this program with SCC-Lincoln, students must earn a high school diploma, **earn a grade of “B” in articulated classes and be accepted into SCC-Lincoln in the appropriate area within one (1) year of graduation from Beatrice Public Schools.**

Option 1: Food Service Technology Cluster

1. Life Management

2. Nutrition & Foods I and II, Food Management l and II

3. Career and Development

4. Occupational Internship\*\*

Option 2: Child Development Services Cluster

1. Life Management

2. Childcare/Parenting \*\*

3. Early Childcare Education \*\*

4. Career and Development

5. Occupational Internship\*\*

Option 3: Food Service/Child Development Services Cluster

1. Life Management

2. Nutrition & Foods I & II Food Management I & II

3. Childcare/Parenting\*\*

4. Early Childcare Education \*\*

6. Career and Development

7. Occupational Internship\*\*

**Note:** Articulated classes are classes that allow either advanced placement or standing at SCC-Lincoln in the appropriate option: \*advanced standing or \*\*advanced placement

Classes are open to all students not only students wishing to participate in the articulation options!

Students who plan to pursue the study of human services and resources for a two or four year degree should include chemistry, biology, math, oral communications, consumer economics, psychology, sociology, and keyboarding in their high school program.

**NAME OF COURSE:** **Life Management** **LENGTH OF CLASS: one semester
 PREREQUISITE: 9-10 grade or
 Instructural approval**

Students will experience how the concepts of communication, ethics, leadership and teamwork relate to the Human Services and Resources Career Field. Students will consider these concepts as applied to their multiple roles of family member, wage earner and citizens. Clusters to be explored in this career field are: (1) Human Services, (2) Education and Training, (3) Law, Public Safety and Security, and (4) Government and Public Administration.

**NAME OF COURSE: Foods & Nutrition I LENGTH OF CLASS: one semester
 PREREQUISITE: Life Management
 Or instructor approval
 Grades 9-12**

This course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy life style. Attention will be given to the selection and preparation of food and personal health and well-being.

**Name of Course: Foods & Nutrition II Length of Class: one semester
 prerequisite: Life Management
 Or Instructor
 Approval
 Foods & Nutrition I
 Grades 9-12**

This course is designed for students who are interested in understanding the principles of nutrition and food preparation. Attention will be given to the selection and preparation of food and personal health.

**NOTE:** Food preparation techniques should be integrated throughout the course. Emphasis should be on foods to create meals for families. Use of regional, ethnic and foreign foods is strongly encouraged to increase cultural awareness and appreciation of diversity.

**NAME OF COURSE: Food Service/Culinary Arts Length of Class: One Semester
 Prerequisite: Life Management
 Foods & Nutrition I, II, Instructor
 approval**

Students will be trained for career opportunities in the food service/culinary arts industry. Students will have the opportunity to learn and practice safety and sanitation procedures, and use and maintain commercial food service equipment. They will perform quantity food preparation as it relates to catering, bakery, restaurant, hospitality, and fast food business operations.

**NAME OF COURSE: Child Development I LENGTH OF CLASS: one semester
 PREREQUISITE: Life Management**

This course provides students with an understanding of the aspects of human growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Learning activities, observation techniques, and lab experiences in working with young children may be included.

**NAME OF COURSE: early childhood i LENGTH OF CLASS: one semester
 life management
 child development
 or instructor approval**

This course prepares individuals for child-related careers and/or more extensive parenting interaction with children. Instruction is given in developing positive relationships with and learning experiences for children, child care policies and management, guidance techniques, and health and safety concerns. On-site preschool and/or child care experiences will be a major component of the course. Previous completion of the Child Development course is recommended.

**NAME OF COURSE: beginining clothing LENGTH OF CLASS: one semester each
 & advanced clothing PREREQUISITE: life management/
 beginning clothing**Beginning and advanced clothing is designed for students at all ability levels. In labs, through individualized projects, students learn the safe operating of sewing equipment, basic construction techniques and creative design including crafts, quilting, clothing, design projects or home accessories. Experiences using a computerized embroidery machine and serger are included. Students will relate experiences to personal and family needs or to career goals as self-employed or employed individuals. Speakers and/or field trips to related businesses may be included. Students are expected to purchase project materials within two weeks of the first class meeting.

**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 Senior High industrial technology:
a. Students must wear shoes and stockings. No sandals will be allowed.

b. Students must wear an apron, shop coat, coveralls, or some such protective clothing.

c. All students operating power equipment or in the area, must wear safety shields or glasses (this includes students who are welding).

d. No student will be allowed to wear loose fitting clothing.

e. Sweaters must be removed or covered up.

f. 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.

g. The teacher must not permit any type of dress which endangers the student.

**NAME OF COURSE: introduction to Computer LENGTH OF CLASS: one semester aided drafting PREREQUISITE: none**

Introduction of 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 advance 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 Architectural Tech I LENGTH OF CLASS: one year
 PREREQUISITE: Introduction to computer aided drafting**

Intro Architectural Tech I is an introductory course. Blueprint reading and house structure will be introduced with emphasis 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, roofs. Three D Studio Vis will be introduced. The student will draw the following drawing for each home design: (1) floor plan, (2) foundation plan, (3) wall section, (4) electrical plan, (5) kitchen plan, (6) all four elevation views, (7) perspective.

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**NAME OF COURSE: mechanical CAD I LENGTH OF CLASS: onesemester
 PREREQUISITE: introduction to computer aided**

 **drafting**

 Mechanical CAD is an individual 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**

Advanced Mechanical CAD is an individualized course designed to enhance mechanical drafting and design skills. This course will take an in depth look at Auto CAD and 3D Studio VIS to enhance presentation and design of its project oriented activities.

**NAME OF COURSE: Advanced Auto CAD 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 LENGTH OF CLASS: one semester
 maintenance PREREQUISITE: none**

This course is designed to give the student a broad knowledge base of maintenance procedures of today's automobile. The course includes labwork 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: grades 9-12**

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 techno-**

**logy 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/Elect/Comp Length of Class: one year
 Prerequisite: Algebra i
 recommended**

Electricity/Elect/Comp 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 comp**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: Manufact/Weld I Length of Class: One Year**

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: Manufact/Weld II LENGTH OF CLASS: one year PREREQUISITE: welding1/machine fundamentals; and intro to cad or concurrent enrollment, Earn 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 LENGTH OF CLASS: one year**

 **Woodworking i 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 three 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 LENGTH OF CLASS: one year one**

 **Woodworking II period per day**

**PREREQUISITE**: **wood I, Intro to Cad or concur-Rent enrollment, instructor approval**

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 products 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: 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. 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. 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 year project. This course may be repeated.

**NAME OF COURSE: Career Development Length of Class: one semester
 PREREQUISITE: junior/senior standing**

Class focuses on preparation for college and a career beyond high school. Learners will engage in activities related to career decision making, college selection, scholarships, financial aid, resumes, student essays, and employability skills based on employer expectations and national employability standards.

Approved students must also be concurrently or alternately enrolled in Career Exploration or Occupational Internship..



***BEATRICE HIGH SCHOOL***

***MATHEMATICS COURSE SEQUENCE***

**PASS: COURSE OPTIONS:**

Algebra I Geometry OR Applied Geometry

Applied Geometry Algebra 2B

Geometry Algebra 2A OR Algebra 2B

Algebra 2B Advanced Math I OR II

Algebra 2A Pre-Calculus/Trigonometry OR Advanced Math I OR II

Advanced Math I Advanced Math II

Advanced Math II Pre-Calculus

Pre-Calculus Trigonometry

Trigonometry Calculus

Calculus -

**FAIL: COURSE OPTIONS:**

Algebra I Retake Algebra

Applied Geometry Must retake Applied Geometry

Geometry Retake Geometry or take Applied Geometry

Algebra 2B Must retake Algebra 2B

Algebra 2A Retake Algebra 2A or take Algebra 2B

Advanced Math I Retake Advanced Math I or take Advanced Math II

Advanced Math II Retake Advanced Math II

Pre-Calculus Retake Pre-Calculus or take Advanced Math I or II

Trigonometry Retake Trigonometry or take Advanced Math I or II

Calculus Retake Calculus

**MATHEMATICS DEPARTMENT (requirement - twenty hours class of 2013, 2014 AND thirty hours – beginning with class of 2015)**

***GENERAL RULE***

*Students who do not successfully complete*

*the first semester of a math class may not continue*

*with the second semester class.*

**NAME OF COURSE: Algebra 1 LENGTH OF CLASS: one year
 PREREQUISITE: none**

Algebra 1 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.

The 9th grade core course is taught on a 90 minute block of time which allows the course to be completed with 10 hours of credit in one semester.

**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 scientific calculator will be beneficial for this course.

**NAME OF COURSE: Algebra 2B LENGTH OF CLASS: one year
 PREREQUISITE: applied geometry
 or 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: Advanced Math I Length of Class: one semester
 prerequisite: Algebra II A or B**

Advanced Math I is a one semester course designed to give students an introduction to Discrete Math, Trigonometry and statistics. Topics included are collection and analyzing data, fair division, probability and trigonometric functions and properties. Graphing calculators will be used.

**name of course: Advanced Math II Length of Class: one Semester
 prerequisite: Algebra II A or B**

Advanced Math II is a one semester course designed to give students an introduction to Discrete Math and Pre-Calculus. Topics included are advanced factoring, election theory, exponents, rational functions, sequences and series. Graphing calculators will be used.

**NAME OF COURSE: Analytic Trigonometry LENGTH OF CLASS: one semester
 PREREQUISITE: algebra 2a**

Analytic trigonometry topics include a complete development of the sine and cosine functions as circular functions; the six trigonometric functions using Cartesian coordinates and sides of triangles; trigometric identities; polar coordinates; complex numbers in polar form and DeMoive’s Theorem for powers and roots. Students will need a calculator with trigonometric functions to complete most of the course. Graphing calculators and computers will also be used. Students should expect the course to require outside preparation DAILY.

\*As an option, students can take Analytic Trigonometry/Pre-Calculus for a full year for dual credit. Successful students would earn year long credit through Beatrice High School and 3.0 hours of college credit through Peru State College (with tuition paid to Peru). The corresponding title of the Peru class is College Algebra with Trigonometry. Students must have at least a C average through the combined two semesters to earn college credit.

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

Applied 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 will cover these topics at a slower pace and with less depth than the usual geometry course. During the course a concentrated effort will be made to review basic algebraic concepts.

**NAME OF COURSE: calculus LENGTH OF CLASS: one/two semesters PREREQUISITE: analytical trig- pre-calculus**

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.

\*As an option, students can take Calculus for a full year for dual-credit, successful students would earn yearlong credit through Beatrice High School and 7.5 quarter credits (5 semester credits) through Southeast Community College-Beatrice (with paid tuition to SCC). The corresponding title of the SCC class is Calculus and Analytic Geometry I (MATH 1600). Students must have at least a C average through the combined two semesters to earn college credit.

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**NAME OF COURSE: Math Strategies LENGTH OF CLASS: onesemester**

 **PREREQUISITE: identificationand/or**

 **recommendation**

This course is designed to review basic skills from Pre-Algebra, Geometry and Advanced Algebra 2. The Nebraska State Math Standards will serve as a guide as to the type of instruction that will be included in the course. Math Strategies has been established to allow students to review and refresh previously taught math concepts and will include current math topics that are challenging to students. This course also introduces math objectives that have not been addressed in a student's current math class. This course counts as elective credit and will be graded "P" or "F".

**NAME OF COURSE: Geometry LENGTH OF CLASS: one year
 PREREQUISITE: algebra 1**

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.

The 9th grade core course is taught on a 90 minute block of time which allows the course to be completed with 10 hours of credit in one semester.

**NAME OF COURSE: Pre-Calculus LENGTH OF CLASS: one semester
 PREREQUISITE: algebra 2a**

Pre-Calculus 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; the first and second derivative of a function and their geometric meaning; maxima and minima of polynomials and their applications; rectangular approximation for area under a curve; and probability. Work will also be done with graphing calculators and personal computers in developing these concepts. Students should expect the course to require outside preparation DAILY.

\*As an option, students can take Analytic Trigonometry/Pre-Calculus for a full year for dual credit. Successful students would earn year long credit through Beatrice High School and 3.0 hours of college credit through Peru State College (with tuition paid to Peru). The corresponding title of the Peru class is College Algebra with Trigonometry. Students must have at least a C average through the combined two semesters to earn college credit.

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**Name of Course: Probability and Statistics length of course: One Year
 PREREQUISITE: Algebra 2a OR
 Algebra2B**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.

**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 should enroll in basic music theory as well as a variety of performance groups.

**NAME OF COURSE: concert band LENGTH OF CLASS: 2nd 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: Band or Orchestra/Winds LENGTH OF CLASS: one year and percussion prerequisite: 10-12 grades
 audition or
 instructor
 permission**

Band or orchestra/Winds and Percussion is an instrumental music class that offers students a wider variety of performance opportunities as well as increased knowledge of rhythm, musicianship and technique on the instrument by performing in orchestra as well as concert band. Band or Orchestra/Winds and Percussion members are required to attend early rehearsals at 7:30 a.m. during the first quarter. Band or orchestra/Winds and Percussion allows woodwind, brass and percussion players the opportunity to participate in orchestra as well as band during the third and fourth quarters.

**name of course: comprehensive musicianship length of class:** two semesters

 Advanced or Beginning

 Music Level

 **PREREQUISITE:** 10-12 GRADE STUDENT

 INVOLVED IN ONE PERFOR-

 MANCE 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 dictation, keyboard skills, and sight singing.

**NAME OF COURSE: Marching Band LENGTH OF CLASS: 1st 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 at 7:30 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. Flag corps 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.

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**NAME OF COURSE: Color Guard LENGTH OF CLASS: one semester
 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 1st quarter (7:30 thru 1st period) are required. Class will meet during first hour during 2nd quarter. 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 technique will be studied. There is no additional enrollment requirement with this show choir, 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 LENGTH OF CLASS: one Year
 Show Choir 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 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 or women's 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, and undergarments

.

**name of course: limited edition/jazz band length of class: one year
 "shared class." 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 5 credits per semester, similar to any other single elective course offering.

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**NAME OF COURSE: Orchestra LENGTH OF CLASS: two semesters
 PREREQUISITE: Audition or instructor permission**

Orchestra is an instrumental music class which allows its members to work with a wide variety of musical styles and sounds. Students who enroll in orchestra will work on listening and musicianship skills as well as technical skills.

The strings section of Orchestra meets daily, earning five credit hours per semester. The wind and percussion players are added to the string section after marching band season for two periods per week to form a full orchestra.

**Name of course: Music Technology/Intro to Length of Class: one Semester
 Music Theory**

This class will focus on the basics of music theory (notes, rhythms, chords), students will be introduced to basic piano skills, will have a chance to play some percussion instruments, will learn some basics about playing by ear and playing with musical notation, and students will frequently work in a computer lab with several software programs, including Sony Acid Music Studio and Finale. During this class, students will create loop based songs, music videos, compose and arrange with standard music notation. Students will leave this class with a CD of their musical works from the semester.

**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 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.

**Name of Course: Wind Ensemble Length of Class: 2nd Semester
 Prerequisite: marching band, Audition, 10-12, 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 contest; we also take a fun trip every four years. All Senior High students are strongly encouraged to audition for this ensemble, however, its make-up 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: 9-12 grades**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. William of Orange Singers will be offered in two sections to coincide with the ninth grade block schedule. Class activities will include vocal training, ensemble discipline, sight reading, performance preparation, and rehearsing appropriate choral literature. This William of Orange Singers will perform during the Fall, Winter, Mid-Winter and Spring Concerts. Students are encouraged to enroll in this course for one year. The course meets five days a week and carries five credits per semester.

**PHYSICAL EDUCATION DEPARTMENT (requirement - fifteen hours)**

Students will be offered the following physical education courses which are: Family Health, Beginning Wellness Education, 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 different 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, written tests and 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.

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**NAME OF COURSE: Beginning Wellness LENGTH OF CLASS: one semester
 Education PREREQUISITE: none**

Freshman are required to take one semester of the Beginning Wellness Education. This class will emphasize basic skills and rules for the following sports: basketball, volleyball, softball, soccer, badminton, pickleball, and flag football. Emphasis will also be placed upon physical fitness with activities to enhance flexibility, muscular strength through weight training, and periodic cardiovascular endurance testing.

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**NAME OF COURSE: Family Health LENGTH OF CLASS: required one
 semester
 PREREQUISITE: none**

Freshmen are required to take one semester of Family Health. This class consists of a comprehensive health program that may include the following areas: personal health fitness, mental and emotional health, prevention and control of disease, nutrition, substance use and abuse, accident prevention and safety, community health, consumer health, family life education, and death and dying education. C.P.R. training/first aid will be offered to all ninth grade students.

**NAME OF COURSE: Aerobics LENGTH OF CLASS: one semester
 PREREQUISITE: none**

Aerobics is a physical education class for sophomores, juniors, and seniors who are serious about establishing flexibillity 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, step aerobics, power walking, jogging, rope jumping, yoga, pilates, taebo, and weight training.

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

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

Team sports is a course designed for the participation in team activities, with an emphasis placed on teamwork and sportsmanship. There will be periodic cardiovascular or fitness tests, as well as “in class” tournaments. Sports to be included are softball, flag football, soccer, volleyball, basketball, hockey, kickball, croquet, frisbee, lacrosse, badminton, pickleball, bowling, table tennis, 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.



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**Science department requirement-twenty hours - thirty hours begins with class of 2015**

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, AP Biology, AP Chem, Zoology and Physics. Those planning further study in physics, architecture, or engineering should take trigonometry, precalculus, AP CHem and Physics. Engineering and architecture students should also take Calculus and drafting.

**NAME OF COURSE: Advance Placement Biology Length of Class: One year
 Prerequisite: Integrated biology
 or Int. Bioscience and chemistry
 Instructor approval**

AP Biology is a course designed for the highly motivated student planning to attend a two or four year college. The course is an in-depth and inclusive study of the topics of biological science and would be recommended for students considering the health or medical field. Topics covered are similar to first year biology, but topics are covered in greater detail, at a higher conceptual level, and at a college course pace. The course has a significant laboratory portion.

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

\*As an option, students can take AP Biology for dual--credit with successful students earning two semesters of credits (10 credits) through Beatrice High school and 4 semester credits through Peru State College (with paid tuition to PSC). The corresponding PSC class is General Biology (BIOL130). Students must have at least a C average for the semester and pass the final with a 60% or higher to earn college credit. Students also have the option to take the AP exam to earn possible college credit for the class. Requirements are that students be a junior or senior\*, have a cumulative GPA minimum of a B average, and be recommended by high school staff. (\*Sophomores that have been formally identified as high ability, gifted or academically above others can also take the course)

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**Name of Course: Advance Placement Chemistry Length of Class: One Year, one period
 Prerequisite: Differentiated Chemistry**

 With A, B or Teacher Recom-

 mendation

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. Some of the labs may require out of class time before or after school for completion. Students may take an AP Chemistry test in May. If a student scores high enough on the AP test, they would receive a full year of college credit in chemistry

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**NAME OF COURSE: Anatomy & Physiology LENGTH OF CLASS: one year
 PREREQUISITE: two years ofscience 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.

**NAME OF COURSE: Integrated Bioscience LENGTH OF CLASS:** 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:

 \* Designing a complex problem

 \* 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

 \* Mendelian Genetics

 \* Patterns of Heredity

 \* DNA Technology

 \* Principles of Ecology

 \* Evolutionary History

 \* Chemistry of Life

 \* Kinetics

**NAME OF COURSE: Botany LENGTH OF CLASS: one semester
 PREREQUISITE: integrated biology or bioscience sophomore, junior
 or senior standing**

Botany is a biology elective course designed to help prepare students for the higher-level thinking required for college success. Students will study:

 • Algae, photosynthetics protists, and fungi

 • The importance of plants in various ecosystems

 • Plant Evolution and classification

 • Plant Reproduction

 • Plant structure and function

 • Photosynthesis

 • Plant responses

An integral part of this class will be inquiry-based, hands-on learning. Students will also have an opportunity to investigate and care for native prairie grasses, wildflowers, and trees in the school arboretum.

\* As an option, students can take Botany for dual-credit with successful students earning one semester of credit through Beatrice High School and 4 semester credits through Peru State College (with paid tuition to PSC). The corresponding title of the PSC class is Introductory Botany (BIOL 101). Students must have at least a C average for the semester and pass the final with a 60% or higher to earn college credit. Requirements are that students be a junior or senior\*, have a cumulative GPA minimum of a B average, and be recommended by high school staff. (\*Sophomores that have been formally identified as high ability, gifted, or academically above others can also take the course.

**NAME OF COURSE: DIFFERENTIATED CHEMISTRY LENGTH OF CLASS: Oyear/oneperiod PREREQUISITE: Geometry and Integrated Biology or Bioscience with "A", "B", or**

 **Teacher Recommendation**

Differentiated Chemistry - is a first year two-semester laboratory chemistry course that will cover both the basic concepts in chemistry and in-depth topics for motivated and high aptitude science students. Students in Differentiated Chemistry will move at an accelerated pace that allows the students to master the basics while obtaining higher level concepts in preparation for college level chemistry. A strong math background is recommended for students wanting to do well in the course as math skills will be used frequently to solve chemical problems. Students will be introduced to topics such as chemical reactions, atomic structure, chemical bonding, gas laws, chemical equations, acids-bases, and solutions. Students will have the opportunity to study the chemical nature of matter by performing laboratory experiments. Differentiated Chemistry is a course that requires working knowledge of higher level conceptual thinking rather than just memorization. This class is prerequisite for AP Chemistry and is designed for those students interested in the Health Science or science-related fields.

**NAME OF COURSE: Chemistry LENGTH OF CLASS: one year
 PREREQUISITE: algebra i and integrated science with a "B" or "C"
 and one year of bioscience, science with a "c", "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 to take chemistry in college.

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**NAME OF COURSE: geoscience i, ii LENGTH OF CLASS: two semesters
 PREREQUISITE: Gen Biology with instructor approval**GeoScience is designed to be a very general course introducing the student to many topics in science that explore aspects of the Earth and its environment. It is intended to create awareness in the student of the planet on which they live and environmental issues encountered in their daily lives. Students will be expected to do some homework on a regular basis and a moderate amount of written work in connection with laboratory experiments and reports. Students may take either one or both semesters.

GeoScience I explores the topics of rock classification and formation, water and soil, geochemical cycles, recycling, the greenhouse effect and global warming, and the solar system.

GeoScience II explores climate, volcanoes, plate tectonics, environmental resources, recycling, pollution, weather, thunderstorms, tornadoes, hurricanes, the prairies and pollution.

**NAME OF COURSE: General Biology LENGTH OF CLASS: one year PREREQUISITE: recommended**
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:
 \* Earth structure
 \* The known universe
 \* 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
 \* Principles of taxonomy
 \* The 5 kingdoms of living organisms, the members of each and their structure
 \* The evolutionary history and relationships between organisms in the 5 kingdoms
 \* Principles of ecology kingdoms
 \* Energy and effects on earth systems
 \* Designing a complex problem

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

**NAME OF COURSE: Integrated Biology LENGTH OF CLASS: One Year
 PREREQUISITE: 8th grade 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, measurement, and problem solving

 • Current cell theory and the structure, function, and behavior of cells

 • DNA and Genetics

 • Interdependence of organisms

 • Evolutionary history

 • Unit Analysis

 • Chemical reactions

 • Chemical bonding

 • The known Universe

 • Earth Structure

 • Energy and Effect on Earth systems

 • Designing a complex problem

The 9th grade core course is taught on a 90-minute block of time that allows the course to be completed with 10 hours of credit in one semester.

**name of course: integrated science length of class: One Year
 prerequisite: 8th grade recommendation**

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

 • Science Inquiry

 • Classification of Matter

 • Elements, Compounds, Mixtures, and Solutions

 • Atomic Structure

 • Fossils

 • Earth's Structure

 • Motion and Force

 • Interdependence of organisms

 • Metric system

The 9th grade core course is taught on a 90-minute block of time that allows the course to be completed with 10 hours of credit in one semester.

 **NAME OF COURSE: Physics LENGTH OF CLASS: one year
 PREREQUISITE: geometry with a
 "c" or higher**

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 course has eight general divisions: 1. Measurements in Experiments; 2. Motion in One Dimension; 3. Vectors; 4. Two-Dimensional Motion; 5. Forces and the Laws of Motion; 6. Work and Energy; 7. Momentum and Collisions; 8. Electrostatics. Included in each division is a look at the history and people involved in influencing the world around them.

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.

 \*As an option, students can take Physics for dual-credit with successful students earning two semesters of credit through Beatrice High school and 5 semester credits through Peru State College (with paid tuition to PSC). The corresponding title of the PSC class is General Physics I (PHYS 201). Students must have at least a C average and pass the final with a 60% or higher to earn college credit.

**NAME OF COURSE: Zoology LENGTH OF CLASS: one semester
 PREREQUISITE: integrated biology or bio science sophomore, junior, or senior standing**

Zoology is a biology elective course designed to help prepare students for the higher-level thinking required for college success. Students will study:

 • Bacteria, viruses, and protozoa

 • Invertebrate animals including sponges, worms, mollusks, arthropods, insects, and echinoderms

 • Vertebrate animals may include fishes, amphibians, reptiles, birds, and mammals as time permits.

Emphasis will be on the developmental processes, evolution, taxonomy and classification, anatomy, physiology, behavior of organisms, and the impact of these organisms on man. The laboratory component consists of inquiry-based investigations involving live arthropods and the dissection of a minimum of five different organisms.

\*As an option, students can take Zoology for dual-credit with successful students earning one semester of credit through Beatrice High school and 4 semester credits through Peru State College (with paid tuition to PSC). The corresponding title of the PSC class is Introductory Zoology (BIOL 102). Students must have at least a C average for the semester and pass the final with a 60% or higher to earn college credit.

**Name of Course: Special Topics in Science Length of Class: one year
 Prerequisite: integrated biology or bio science 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). Suggested areas of exploration may include:

 • Advanced molecular genetics techniques

 • Forensic science

 • 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.

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**SOCIAL STUDIES DEPARTMENT (requirement - thirty hours)**

9th Grade: World Geography

10th Grade: American History, one year

 World History I & II, two semesters, electives

 Modern U.S. History

11th/12th Grade: American Government, one semester, required all students
Modern U.S. History, one semester
Advanced Placement Psychology, one semester, elective

 Sociology\*, one semester, elective

 Human Relations

Students are required to take six (6) semesters of social studies in grades 9 through 12.

\*Courses may be taken at grade level listed or taken during later years.

The Department of Social Studies encourages all students to enroll in its classes in order to enlarge their awareness of the human condition, our history as a civilization and to become aware of our future as a culture.

Thirty credit hours are required for high school graduation. The World Geography, American History and American Government courses are required of all high school students to meet graduation requirements, beginning with the class of 2015.

**NAME OF COURSE: American Government LENGTH OF CLASS: one semester
 PREREQUISITE: junior standing**

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. Possible assessments will include writing assignments, presentations and tests.

**NAME OF COURSE: American History LENGTH OF CLASS: one year
 PREREQUISITE: none**

American History will provide students with a comprehensive understanding of how our past links us to present day. Students will explore the period of post-Civil War to date. Possible topics will include but not be limited to cultural development, political movements, military conflicts, westward expansion, industrialization, influential people and inventions. Possible assessments will include class discussions, research projects, tests, and quizzes.

**NAME OF COURSE: World Geography LENGTH OF CLASS: one year**

 **PREREQUISITE: none**

World Geography emphasizes cultures in the Eastern Hemisphere. Geographic, economic, historic, and cultural issues dealing with these regions will be examined. Practice of geographic skills, the study of the basic components of a culture, and discussion of current events will further enhance the World Geography curriculum.

The 9th grade core course is taught on a 90 minute block of time which allows the course to be completed with 10 hours of credit in one semester.

**NAME OF COURSE: Human Relations LENGTH OF CLASS: one semester
 PREREQUISITE: 11-12**

Students will be able to identify their own personal strengths and the strengths of others. We will study the 34 different personality types from the book called "Now, Discover Your Strengths" by Buckingham and Clifton. Students will be expected to have an appreciation of all types of people. A variety of relationships in a person's lifetime will be studied, examined and discussed. The students will also study "The Seven Habits of Highly Effective Teens" by Sean Covey. Students will learn how to plan a strategy to accomplish their lifetime goals. Students will develop an awareness of how their actions and decisions affect their relationships with a variety of people from their siblings, parents, friends, spouse, work place colleagues, acquaintances, and many more. They will learn how to compromise, cooperate and coexist with others. How to work together, prioritize what is important, listen, learn, develop good habits, and plans for a lifetime of positive experiences with others. A unit will be taught on the effects of saving and managing money and their responsibilities of how money works in a capitalist economy.

**NAME OF COURSE: Modern U.S. History LENGTH OF CLASS: one semester PREREQUISITE: Grades 10-12**

The student will study United States history from 1970's-present time. Students will learn economic, political and social perspective throughout the historical landscape from the 1970's to present times. Possible topics but not limited to the following: Communism, Cold War, Watergate, Civil Rights movement, Women's movement, Farm Crisis, Rise of Terrorism and Middle East conflicts.

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**NAME OF COURSE: Advanced Placement LENGTH OF CLASS: one semester
 Psychology PREREQUISITE: junior/senior
 standing**

Psychology is a study of the mind and behavior of an individual. The class will cover such topics as personality development, mental illness, abnormal behavior, and learning, memory and testing. Psychology also covers the nervous system where there is some crossover with anatomy and physiology. The class is heavily graded on short writing and essay type tests. Psychology is offered to juniors and seniors only and is strongly recommended to college bound students. Students have the option to take the AP Psychology exam for possible college credit.

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**NAME OF COURSE: Sociology LENGTH OF CLASS: one semester
 PREREQUISITE: Junior/Senior**

Sociology is the study of human group behavior. The class will study the origins, organization, established institutions and development of human society. Social layering and special groups are examined, as is the challenge of social change. Possible assessments will include class discussions, written activities, research projects, tests, quizzes, and current events.

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

World History I will begin with a study of the Middle Ages and end with the Industrial Revolution. Students will be shown understanding of trends in history and the spread of knowledge and technology around the world. Students will be given written assessments periodically and asked to draw connections from one major period to another. Each test will contain multiple choice, matching, and essay questions.

**NAME OF COURSE: World History II length of class: one semester prerequisite: none**

World History II will be a study of the 19th and 20th centuries. Modern issues will be discussed, especially the major wars of the two centuries. Occasional written assignments will assess student learning and give students the opportunity to practice other skills. Students will also compare the histories of the major religions of the world. Students will understand the creation of the modern countries and boundaries. Each test will contain multiple choice, matching, and essay questions.

**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 students 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: One semester
 PREREQUISITE: those who qualify**

In this class the student will examine and experience the effect of music. The course will expose the student to a wide variety of musical styles.

**NAME OF COURSE: Independent Living LENGTH OF CLASS: one semester
 special education PREREQUISITE: those who qualify**

This class is designed to develop listening, speaking, reading, writing, comprehension and computing skills within the context of everyday life. Functional life skills are taught that promote the students independence in adult life. Areas of instruction include: home management, money and finance, food, clothing, health, travel and telephone skills.

**NAME OF COURSE: Consumer Math LENGTH OF CLASS: one semester/5 hrs
 PREREQUISITE: those who qualify**

Students will work at an individual pace on skills relating to the real world. They will work on basic consumer skills, basic math calculations, figuring earnings, and budgeting skills.

**NAME OF COURSE: Science LENGTH OF CLASS: one semester/5 hrs
 PREREQUISITE: those who qualify**

This is an individualized course that will include the study of life science, earth science, physical science and the scientific processes.

**NAME OF COURSE: American History LENGTH OF CLASS: one semester/5 hrs
 PREREQUISITE: those who qualify**

This is an individualized course that focuses on history of the United States. Students will learn map skills, write reports, and complete projects related to topics discussed.

**NAME OF COURSE: vocational exploration LENGTH OF CLASS: one semester/ 5hrs
 PREREQUISITE: those who qualify**

Vocational Exploration allows students to research college and employment options. Students will be introduced to outside agencies that may assist with the transition. Students will focus on:

1. Researching career and/or college options (availability, education, training, location, cost, length of programs)

2. Utilizing transition services (Vocational Rehabilitation, EducationQuest, Work Force Development, and other misc. agencies)

3. Interest inventory assessments (various tests that will indicate student's strengths, weaknesses, interests, and dislikes pertaining to career preference)

4. Social Skills (working with others, Beatrice Public Schools Essential Behavior Skills.

**NAME OF COURSE: American Government LENGTH OF CLASS: one semester/ 5hrs
 PREREQUISITE: those who qualify**

This is an individualized course designed to focus on the government of the United States. They will study the constitution, development of our government, the different branches of the government, politics and voting, citizenship, and state and local governments. They will write reports and complete projects related to such topics.

**NAME OF COURSE: Pre-Vocational LENGTH OF CLASS: one semester
 Training PREREQUISITE: those who qualify
 special education**

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

 1. Career awareness and exploration

 2. Job skills and job seeking skills

 3. Social skills

 4. Speaking/listening skills

 5. Vocational vocabulary

 6. Applications and resumes (for employment & college)

 7. Self-advocacy skills

 8. Misc. topics based on student needs (hygiene, computer skills, speakers, community resources)

**NAME OF COURSE: Reading LENGTH OF CLASS: two semesters
 PREREQUISITE: those who qualify
 special education**

This class is designed to further develop the skills necessary for vocational reading. Students work on spelling, word recognition and comprehension skills in a variety of contexts. Functional reading activities such as survival words (as found on signs, labels, directions and recipes) are used along with the above skills.

**NAME OF COURSE: Career Exploration LENGTH OF CLASS: two semesters
 PREREQUISITE: pre-vocational
 training**

This is a work-study program for students who qualify. Each student’s schedule is adjusted to meet his/her individual needs and abilities. Students will gain work experience at school or at other locations throughout the community. The work experience may be for one or more periods during the school day. The student will receive a grade, and will be awarded credit according to the amount of school time successfully spent on the job.

**NAME OF COURSE: Mathematics LENGTH OF CLASS: two semesters
 special education 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: English LENGTH OF CLASS: two semesters
 special education 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, 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: Current Events LENGTH OF CLASS: one semester
 PREREQUISITE: those who qualify**This course exposes students to daily events occurring in the world using variety of media sources.

**NAME OF COURSE: Fundamentals of Algebra LENGTH OF CLASS: two years
 PREREQUISITE: those who quality**Fundamentals of Algebra is a two year course intended to prepare students for success in Algebra and Geometry. Number and operation sense, estimation skills, and the ability to judge the reasonableness of results will be strengthened in the context of practical applications and problem-solving. Student will apply mathematical ideas to real-world situation. This course revolves around a broadened approach to core topics which integrate both algebra and geometry. Students will use the skills of reading, listening interpreting, and evaluating mathematical ideas.

**NAME OF COURSE: Fundamentals of Geometry LENGTH OF CLASS: two years
 PREREQUISITE: those who qualify**Fundamentals of Geometry is a two year 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 will cover these topics at a slower pace and with less depth than the usual geometry course. During the course a concentrated effort will be made to review basic algebraic concepts.

**WORLD LANGUAGE DEPARTMENT (elective)**

***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.***

 ***Students may buy the workbook if they want to***

 ***write in it.***

**NAME OF COURSE: Introductory Spanish LENGTH OF CLASS: one semester
 PREREQUISITE: 9-10**

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: None**

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-

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.

**NOTE:** This course offers students a unique opportunity to work for, and receive college credit for work completed while still in high school. Students will need to complete an admission form and pay tuition. Students must have at least a C average through the combined two semesters to earn college credit.

Name of course: spanish IV LENGTH OF CLASS: one year
 PREREQUISITE: spanish III
 recommended grade of B-

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.

**NOTE:** This course offers students a unique opportunity to work for, and receive college credit for work completed while still in high school. Students will need to complete an admission form and pay tuition. Students must have at least a C average through the combined two semesters to earn college credit.

**GLOSSARY**

**Asterisk grade (example: B\*):** A grade with an asterisk behind it means a student passed the course but did not receive credit for the course because of the attendance policy. This grade counts toward department graduation requirements but does not count toward total hours for graduation.

**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 credit hours per semester in a class which meets five times per week.

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

**Individualized-self paced**: A class where the student proceeds at a rate that he chooses. More or less than normal credit may be earned at the end of any quarter or semester. Work is completed with teacher assistance when necessary.

**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 week 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 week course in which the successful completion of first semester is a prerequisite to the second semester.