

TABLE OF CONTENTS

Requirements, Rules, and Regulations -----	2
Language Arts -----	12
Foreign Language -----	16
Social Studies -----	19
Mathematics -----	22
Science -----	25
Business Education -----	28
Fine Arts -----	32
Industrial, Agricultural, & Safety Education -----	36
Family and Consumer Science -----	41
Physical Education & Health-----	44
Other -----	47
SWCC/Concurrent and Career Academy Courses-----	49
Additional Information -----	53

Red Oak High School offers students the opportunity to learn in a positive and safe environment. Students are given an opportunity to participate in meaningful and fulfilling activities and enroll in courses appropriate to their skills and abilities. The main objective at Red Oak High School is to prepare students for "life."

USE OF COURSE DESCRIPTION BOOK

The information contained in this Course Registration Manual is designed to help parents and students better understand the program of studies at ROHS. Approximately 15 departments and over 100 courses are described. If you spend time planning carefully now, you will find this manual very helpful.

When planning your course selection, your first step should be to think about why you are taking courses. What are your long-term goals - to go to college, to get a job, to go on to a vocational school? After you have thought about what your goals are, discuss with your parents and counselor what courses you should take. Make a list of the courses you will need to accomplish your goals, a list of required courses, and a list of the courses you would like to take because you would enjoy them. Next you will need to figure what courses you should take each year you are in school. **This is called a four-year plan and your guidance counselor will help you to write one. We will keep this plan on file and review it each year with you to insure that you are on track. Students and parents can access the website www.ihaveaplaniowa.gov for help with the plan.** Most students find they cannot take all the courses they need to take or want to take.

The National Honor Society recently released results of a survey of college students around the U.S. The advice these students give is amazingly consistent. "Take tough courses in high school like algebra II, pre-calc, English courses, science courses, foreign language courses, and social studies courses so that you will be able to understand and communicate with other people. Don't try to short change yourself. Don't take easy courses - take the roughest to prepare yourself for a University and for life - work to improve study habits." They also emphasized being a well-rounded person and encouraged taking courses in art, music, industrial arts, business, and home economics. They encouraged students to participate in extracurricular activities. They have given good advice. We hope your high school years will be enjoyable ones. We know they will be shorter than you now realize and that there is much for you to learn. The choices you make now are important ones. They will influence you the rest of your life. Make them wisely.

Registration occurs in the early spring. After this survey is conducted, the information obtained is used to determine which courses (and the number of sections of each course) are to be taught. It also enables the principal to design a schedule with the least number of conflicts. A request for a change may only be made according to the criteria outlined under the section entitled Schedule Changes. Refer to page 8.

Please pay particular attention to such items as making up credits for courses that have been failed, graduation requirements, definitions that will clarify some educational terms, rules on dropping courses, pass-fail grading system, instrumental and vocal music, duplicating courses and classifications of students as to grade level.

The counselor will provide assistance in planning your curriculum and in the selection of courses. Feel free to visit with your counselor at any time about any question or concern.

GOALS AND OBJECTIVES OF RED OAK HIGH SCHOOL

The goals of Red Oak High School have been developed through the combined efforts of the faculty and administration. This list is neither complete nor fully implemented. Rather, the list provides evidence that we are continuously seeking methods and means to reach our objectives. The Red Oak Community School District affirms that in order to preserve our free society, we must continually try to improve our schools. We must attempt, in so far as it is possible, to provide education, which recognizes individual differences, yet, promotes advancement of heterogeneous groups within a graded school. The school district acknowledges that its programs must meet the needs of the community it serves.

The school district appreciates the need for its goals to be learner-centered and believes that the responsibility for achieving these goals rests with the Board of Education, the administrators, the teachers, the parents, and, of course, with the students themselves. The ultimate goals and immediate objectives, then, should be clearly understood and frequently examined by everyone engaged in the process of learning and teaching. With these beliefs in mind, we conceive our present school objectives to be as follows:

1. To help every student to feel that he/she is a worthwhile human being.
2. To stress the development of habits of self-control and of obeying rules pertaining to the safety of self and others in all areas of instruction and also in the home, at work and in recreation.
3. To recognize and provide for individual differences.
4. To encourage each individual to assume more and more responsibility for his/her own actions and his/her own education.
5. To encourage logical thinking and intellectual honesty.
6. To encourage freedom of academic inquiry on the part of teachers and on the part of students in so far as this is commensurate with the ideals and objectives of the community they serve.
7. To insure that every student should have the opportunity to clarify his/her own sense of values.
8. To create a climate where the student can achieve his/her academic potential.
9. To encourage creativity.
10. To make sure that every child has command, to the limits of his/her ability, of the tools of learning.
11. To prepare students to make wise choices in the world of work and in consumer spending.
12. To enable students to strive for physical fitness and to develop recreational skills.
13. To provide opportunities for the student to develop aesthetic awareness.
14. To provide the best and most appropriate educational media for its students.

GRADUATION WITH HONORS

To graduate with honors, a student must have a cumulative G.P.A. of 3.25 to 3.66. A student who has a cumulative G.P.A. of 3.67 or higher will graduate with distinction.

GRADUATION REQUIREMENTS

Students of Red Oak High School are required to have 52 credits to graduate. These include:

- 6 semesters in science including Biology and Physical Science;
- 8 semesters in language arts;
- 6 semesters in social studies (1 semester of Economics, 1 semester of Government, 1 year of US History, 1 semester of World Area Studies, and one additional elective);
- 6 semesters in mathematics including Algebra I or its equivalent;
- 1 semester in Fine Arts (Music, Art, etc.);
- 1 semester of Software Essentials I (*starting with the Class of 2014*);
- 2 semesters in CTE (Career & Technical Education) **Business, Ag, Industrial Arts, Health Occupations, Family & Consumer Science**
- Physical Education/Aerobics/Weight Training is required every other semester with 1 credit per year being given to grades 9-12.

*** In addition to traditional science classes that will meet the requirement of the third year of science credit, such as Chemistry, Physics, and Anatomy, the passing of the following courses will meet the requirements: Intro to Ag, Ag Education II, Advanced Animal Science, Wildlife and Fisheries Management, Horticulture, Environmental Studies and Science, Technology and Society.**

New as of 2009-2010

As per Iowa Administrative Code 12.5 (5)

f. Physical Education (One Unit)

A twelfth grade student may be excused from the PE requirement by the principal of the school in which the student is enrolled under one of the following circumstances:

1. The student is enrolled in a cooperative or work study, or any other educational program authorized by the school which requires the student's absence from the school premises during the school day.
2. The student is enrolled in academic courses not otherwise available.
3. The student is involved in an organized and supervised athletic program which requires at least as much time of participation per week as 1/8 unit of physical education (25 minutes).

Students in grades nine through eleven may be excused from the physical education requirement in order to enroll in academic courses not otherwise available to the student due to the PE requirement. The student may be excused by the principal of the school in which the student is enrolled in consultation with the student's counselor for up to one semester per year if the parent or guardian of the student requests in writing that the student be excused from the physical education requirement. At some time, the requesting student must be involved in an organized and supervised athletic program which requires at least as much time of participation as 1/8 of PE per week (25 minutes). The student's parent or guardian must make this request in writing.

The principal must inform the superintendent in writing.

COURSE REQUIREMENTS

The following courses are required and should be taken at the level indicated. **Check each yr w/ counselor:**

9th

Composition Skills (1)
English Elective (1)
Math Elective (2)
***World Area Studies (1)
Physical Science (2)
Physical Education (1)
Software Essentials (1)

11th

American Lit. (2)
*U.S. History, after 1865 to present (2)
Physical Education (1)
**** Science or Math Elective (2)

10th

*U.S. History, after 1865 to present (2)
English Elective (2)
Biology (2)
Social Studies Elective(1)
Math Elective(2)
***World Area Studies (1)
Physical Education (1)

12th

Economics (1)
Government (1)
Physical Education (1)
****Science or Math Elective (2)
Two Language Arts Courses:
World Literature (1)
Backgrounds in Literature (1)
Senior English (1)
College Bound Senior English (1)

* Required during sophomore or junior year

*** Required during freshman or sophomore year

**** 3rd year of Science and Math required

Making up courses that have been failed: Whenever a student fails a required course, the course must be made up or re-taken as soon as possible. Whenever a student fails an elective course, the particular course failed need not be made up or retaken, however, the student must be sure he or she will have enough credits to graduate. The best procedure to follow whenever a course is failed in each and every situation is for the student to visit with the counselor. No credit is given for courses failed.

Duplicating Courses: In most cases when a course is successfully completed it may not be retaken for credit. There are exceptions and you should review each course description. (Examples are studio art, pottery.) The principal and teacher's written permission to duplicate any course is required.

SCHEDULING PARAMETERS

Red Oak Senior High School will schedule students during the **second semester** for both semesters of the forthcoming school year. All classes are considered to be one semester in length so far as an individual student's schedule is concerned.

Teacher assignments for two semesters will vary. Students will receive a copy of their schedule in August.

To insure that both parents and the guidance counselor are actively involved in the scheduling process, both parent and counselor signatures are required before a schedule is deemed "finalized".

Requests for schedule changes will generally be considered through the second day of 1st semester for 1st semester classes, and through the second day of 2nd semester for 2nd semester classes. For additional information, see "Level Changes", and "Class Drops" elsewhere in this booklet.

MINIMUM SCHOOL DAY FOR HIGH SCHOOL STUDENTS

The Board of Directors encourages all students to make maximum use of curriculum offerings, supplemental resources such as libraries and all other educational facilities.

To that end, it shall be the policy of the Red Oak Community School District that all high school students be in attendance for a school day of four scheduled blocks. Additionally, each student is to be enrolled in a minimum of seven courses and a seminar class per semester. Students are to attend school for the entire school day.

GRADING SYSTEM

Every student will receive quarter and semester grades. The only grades maintained in the school's permanent record and used to determine class rank are those shown as final semester grades.

Letter grades are used in the reporting system. The following is a brief summary of this system:

A - excellent	CR - credit grades
B - very good	WP - Withdrew passing
C - average	WF - Withdrew failing
D - lowest passing mark	M - Student did not complete course for medical reasons
F - failing, no credit	NC – no credit received, but in GPA

Any exception to this grading system will be reviewed with students by their respective instructor.

Weighted Classes

In order to encourage and reward students for placing greater rigor into their class schedule for next year, the ROHS Guidance Department and ROHS Administration are proposing that the Red Oak Board of Education adopt the following passage into the Red Oak High School Curriculum Handbook.

“Weighted Classes” are any AP classes or college courses that lead into a four year college program.

These courses will not include CTE (Career & Technical Education) courses offered by a local community college. The weighted classes' mathematical values are represented in the table:

<u>Regular, Non-weighted Course</u>	<u>Letter Grade</u>	<u>Weighted Course</u>
4.000	A	5.000
3.667	A-	4.667
3.333	B+	4.333
3.000	B	4.000
2.667	B-	3.667
2.333	C+	3.333
2.000	C	3.000
1.667	C-	2.667
1.333	D+	2.333
1.000	D	2.000
0.0	F	0.0

INCOMPLETE GRADES

Generally, two weeks are allowed at the end of a semester grading period to remove a grade of incomplete. After this time the grade automatically becomes an "F" if the work is not completed, and extremely unusual circumstances are not involved. Administrative approval will be necessary to extend this time.

GRADE POINT AVERAGE (G.P.A.)

Grade Point Average (G.P.A.) is determined by averaging the grades students receive in their classes. A G.P.A. is calculated by multiplying the semester credits by grade weights and dividing that product by the number of credits, which are included in the G.P.A. Courses excluded from the G.P.A. include: All courses taken on a Pass-Fail/Satisfactory-Unsatisfactory basis.

Although the Red Oak Community High School uses the above method of calculating G.P.A., many colleges and universities will recalculate the G.P.A. for their own purposes. Other more competitive schools may exclude all courses except the core academic areas.

PASS-FAIL GRADING SYSTEM AND THE G.P.A.

Course work may be taken on a pass-fail basis, but only with the permission of the instructor and principal **PRIOR** to the end of the first week of the class involved.

VALEDICTORIAN/SALUTATORIAN

The G.P.A. will be carried out to the farthest number of decimal places needed to determine valedictorian and salutatorian separation.

PROGRESS REPORTS

If a student is doing unsatisfactory work in a subject, a progress report, stating the reason, is sent to the parent or guardian of the student approximately four weeks into the marking period. **A progress report may be sent out anytime after the four week point in a marking period should the instructor feel that the student is in danger of failing.** The progress report is given with the intent to provide a student with enough time to raise the grade.

HONOR ROLL

To be eligible for the quarter or the semester honor roll a student must be enrolled in a minimum of seven credits. Honor roll categories are 3.00 to 3.666 and 3.667 to 4.00 with no grade below a C-.

NATIONAL HONOR SOCIETY

The National Honor Society ranks as one of the oldest and most prestigious national organizations for high school students. The purpose of this organization is to recognize enthusiasm for scholarship, service, leadership, and character. Student membership in the National Honor Society is based on achieving recognition in these four distinguishing traits. Membership is further restricted to students in the junior and senior classes who have cumulative scholastic grade averages of at least 3.50 for 4 consecutive semesters.

Students eligible for the Honor Society are requested to submit an application including a summary of all activities, service projects, elected offices held, and volunteer work in which they have participated. The final selection of Honor Society members is determined by the number of points accumulated by each applicant based on the application.

An evening reception is held in November to recognize new members and their parents and to present the National Honor Society pins.

STUDENT RECORDS

There are two types of student records: Student Permanent Records and Student Temporary Records.

Student Permanent Records include:

1. Basic identifying information (students' and parents' names and addresses, birth dates and places.)
2. Academic transcript (includes grades, class rank, graduation date, grade level achieved, etc.)
3. Attendance record
4. Health record
5. Record of release of permanent record information

Student Temporary Records consists of all information not required to be in the Student Permanent Record and may include:

1. Family background information
2. Intelligence test scores
3. Aptitude test scores
4. Psychological evaluations
5. Honors and awards
6. Elementary and secondary achievement test scores
7. Special education records
8. Record of release of temporary record information

SCHEDULE CHANGES

Students needing to change their high school class schedules must sign up in the Guidance Office or call the counselors during the two weeks prior to the start of school in the fall and during the last week of first semester for the spring semester. Schedule changes will be done during the first two days of each semester.

Schedule changes must have counselor and parent approval. It is the student's responsibility to contact his or her parents for approval.

Schedule changes may be made according to the following criteria:

1. computer and/or clerical error
2. failure in first or second semester courses
3. completion of summer school courses, correspondence courses, or independent study projects
4. special education placement
5. seniors who need courses for graduation in their schedule
6. failure to have the necessary pre-requisites of a course
7. wanting to simply add a course without disturbing the rest of the schedule

All students must have at least 7.0 credits each semester. Students will not be permitted to change their schedule to go to work.

Changes deemed unnecessary will not be done. Examples of these include but are not limited to: (1) requesting a specific teacher for a course; and (2) requesting a specific hour for a class.

RECOMMENDED HIGH SCHOOL PREPARATION FOR COLLEGE

The best predictor of academic success generally is the high school record. If students have good grades and sufficient credits in particular subject areas to meet the entrance recommendations listed below, they can expect to enter beginning courses at the post secondary level with a high assurance of success.

Therefore, we recommend that secondary school courses include the following minimums:

- A. Four years of English with major emphasis on composition and communication skills; four years for students entering social sciences or communications fields.
- B. Six semesters of mathematics (four semesters of algebra and two semesters of geometry). A semester of trigonometry is needed to permit students to enter the freshman courses in engineering and the mathematical and physical sciences.
- C. Two semesters of biological science.
- D. Two semesters of physical science (physics or chemistry).
Students majoring in the physical or mathematical sciences or engineering should take four semesters of physical science.
- E. Two or four semesters of foreign language. Students entering the College of Sciences and Humanities are encouraged to take six semesters of a foreign language.

A minimum of 1 semester of typing and one semester of computer training are also recommended for those who are college bound.

COLLEGE ADMISSIONS REQUIREMENTS BECOMING MORE STRICTLY DEFINED

Students applying for admission to college in the future may find admission requirements more precisely or strictly defined than in the past. The key word is requirements rather than recommendations. For example, freshmen entering the University of Iowa's College of Liberal Arts are required to complete the following set of preparatory high school courses in addition to meeting already established admissions standards:

Four years of English/language arts; three years of mathematics (two years of algebra and one year of geometry); three years of a natural science (two years must be chosen from among chemistry, physics, and biology); three years of social studies; and two years of foreign language.. Not required but strongly recommended will be high school courses in the arts and humanities, a computer course, and additional study in mathematics.

Some departments at the university recommend additional high school courses for preparation.

COLLEGE VISITATION FOR SENIORS AND JUNIORS

Senior students will be excused two days and junior students will be excused for one day for a college visitation providing the following conditions have been met:

- 1. The Guidance Office will contact the Director of Admissions at the college to be visited.
- 2. Student must have a statement from the Director of Admissions confirming date of visitation.
- 3. Student must have written parental permission for visit.
- 4. Student must pick up "Permission for Make-Up Work before Absence" and Verification Slips from the Guidance Office prior to visitation.
- 5. "Make-Up Slip" must have instructor's final O.K. and be returned to the Guidance Office prior to the day of visitation.

Additional visitation days may be allowed in unusual circumstances but will be evaluated individually. A well-planned visit to a college may be of immeasurable value in selecting a college. However, the worth of the visit will depend to a large extent upon preparation for it. Points to remember regarding a visit:

- a. If possible, visit while classes are in session.
- b. Call or write the admissions office at least two weeks prior to the visit to request an appointment and/or tour.
- c. Know what information is available in the college catalog in order to avoid unnecessary questions. Think about what you need to know that is not in the literature.
- d. Prepare a data sheet about yourself giving grades, test scores, activities and interests.

JOB SHADOWING

Students will be allowed two days per year for job shadowing activities related to vocational education courses. The following process must be met for release from school for job shadowing activities:

1. Must have a scheduled visitation with a business or industry in the Red Oak community.
2. Student must have written parental permission for visit.
3. Student must pick up "Permission for Make-Up Work before Absence" slip from the Guidance Office prior to visitation.
4. The student must be a junior or senior in order to job shadow. The student must have a written statement from the supervisor stating that the job shadowing did take place. Your job shadowing cannot be with a relative and babysitting is not job shadowing.

LEVEL CHANGES

A student's ability level and placement in class are determined by prior test data and previous performance in course work. Very infrequently a student may need to change the level of a class in which the student is enrolled. To initiate a level change, the student should talk with the teacher and/or counselor. Parents will be contacted prior to any course change being done.

INDEPENDENT STUDY

The purpose of independent study is twofold: (1) to organize student exploration of a subject area so that a student may examine an area of interest in depth and under the direction of a faculty member or a department; and (2) to resolve a schedule conflict.

Plan for Independent Study:

1. Student contacts teacher or teachers under which independent study project class will be conducted.
2. Teacher approves, checks with department chairman, has student complete the form and sends the form to the counselor.
3. Counselor reviews the proposal, ascertains parental consent, signs the request and sends the form to the Principal for approval.
4. Principal will file the signed agreement and send a copy to the teacher, counselor, department chairman and student. **The supervising teacher, student, and principal must meet at least twice per marking period to show evidence of their progress with this independent study.**
5. Progress report given as needed to counselor and parent in the event of unsatisfactory work.
6. Evaluation procedures will be agreed upon in writing in advance by the teacher and student.
7. **Can be allowed but will be in addition to 7 other courses.**

Guidelines for Participation:

1. Independent study courses are recommended only for grades 11 and 12.
2. Students are limited to one independent study course per semester.
3. The student and teacher advisor must have mutually agreeable free time for consultation and planning.
4. Students must complete all work on courses for credit at least one week prior to the close of the semester in which the work will be recorded.
5. All requests must be approved by the student's parent or guardian.
6. Students must complete all necessary regularly offered courses in a particular area before approval will be given for an independent study course unless this is to resolve a schedule conflict.

New Legislation for Juniors & Seniors

In 2008, the Senior Year Plus Program was enacted to promote rigorous academic pursuits and to provide a wider variety of options to all high school students enabling eleventh and twelfth grade students to enroll part-time in nonsectarian courses in eligible post-secondary institutions of higher learning in Iowa. A ninth or tenth grade student who is identified as a gifted and talented student according to the Red Oak Community School District's criteria and procedures is eligible to enroll under this Act.

By **March 15** you must inform the high school of intent to participate in the program during the forthcoming year. All students interested in a **Senior Year Plus** options should make application in writing to the school through the counselor or principal before enrolling. Authorization for approval of courses, institution, credit, and payment for courses must be obtained from the Board of Education in advance of the pursuance of post-secondary options, or the district assumes no responsibility or obligation.

For Post-Secondary Options approved in advance by the Board of Education, the district shall pay a tuition reimbursement account to an eligible post-secondary institution that has enrolled its resident eligible pupils as prescribed by law. The amount of tuition reimbursement for each separate course shall equal the lesser of:

1. The actual and customary costs of tuition, textbooks, materials, and fees directly related to the course taken by the eligible student.
2. Two hundred fifty dollars.

For concurrent courses that are approved by the Board of Education, the amount of tuition reimbursement for each separate course shall equal the actual and customary costs of tuition, textbooks, materials, and fees directly related to the course taken by the eligible student.

Any student wishing to participate in the **Senior Year Plus** program must qualify as follows:

1. Each junior must have successfully completed two years of English, science and mathematics with an average grade point of 2.5 or higher on those subjects.
2. Each senior must have successfully completed three years of English, science and mathematics with an average grade point of 2.5 or higher in those subjects.
- OR
3. Scored at the 50th percentile (Iowa norms) or higher on the Iowa Test of Educational Development.
- OR
4. Scored a **19** or above on the American College Testing (ACT).
5. Scored at the 50th percentile or above on the Preliminary Scholastic Aptitude Test (PSAT).

In addition the following regulations apply:

1. A student must be enrolled in a minimum of **five** regular classes and a seminar class if enrolled in two or more post-secondary courses.
2. A student must be enrolled in a minimum of **six** regular classes and a seminar class if enrolled for only one post-secondary course.
3. Courses cannot be taken if a comparable course is offered by the Red Oak Community High School.
4. Courses taken must be nonsectarian. A student may not audit a course.
6. This program is not eligible for summer courses.
7. It shall be the parent or guardian's responsibility to provide transportation to and from the post-secondary institution for the student.
8. Priority may be given by the institution to post-secondary students before enrolling 11th and 12th grade students in courses. However, once an 11th or 12th grade student has enrolled in a post-secondary course, the student cannot be displaced by another student for the duration of the course.

9. Any student not attaining a "C" or better in a post-secondary course or who drops a course before completion shall be ineligible to participate in this program the following "regular" semester.
10. Poor attendance or improper social behavior relative to this program may result in the student becoming ineligible for the current as well as future semesters.
11. Hours earned by a student shall count for high school and may count toward college credit. Students will need to verify if the credits will transfer and be applied to the student's degree at the university/college of their choice.
12. Post-secondary credits earned by a student shall count toward their grade point average as well as their class rank, a maximum of six (6) high school credits can be accepted.
13. A student receiving a failing grade or who drops the class before completion may be responsible for the cost of the course.

CORRESPONDENCE COURSES

Students may choose to take a correspondence course to make-up for an elective course. This will be at the students' expense. **Seniors--All correspondence courses must be completed thirty (30) days prior to graduation.**

SUMMER SCHOOL INSTRUCTION

Students may elect to take one course during the summer to make up for a failed course. This course will be offered by the Red Oak Alternative School. Any exceptions to this rule must be approved by the Board of Education as per board policy 603.2. The student/parent is responsible to pay the fee for the class.

VIRTUAL/ON-LINE COURSES

The board recognizes that on-line coursework may be a good alternative for students to not only meet graduation requirements but also have the opportunity to take **advantage** of other courses not offered by the school district.

High school students may earn a maximum of six (6) credits to be applied toward graduation requirements by completing on-line courses offered through agencies approved by the board, such as Iowa On-Line Learning. Credit from an on-line or virtual course may be earned only in the following circumstances:

- The course is not offered at the high school;
- The course will serve as a supplement to extend homebound instruction;
- The student has been expelled from the regular school setting, but educational services are to be continued; or
- The principal, with agreement from the student's teachers and parents, determines the student requires a differentiated or accelerated learning environment.

Students applying for permission to take a virtual course shall complete prerequisites and provide teacher/counselor recommendations to confirm the student possesses the maturity level needed to function effectively in an on-line learning environment. In addition, the **explicit** approval of the principal shall be obtained before a student enrolls in an on-line course. The school must receive an official record of the final grade before credit toward graduation will be recognized.

Provided courses are part of the student's regular school day coursework and within budgetary parameters, the costs for a virtual course, such as textbooks or school supplies, **shall be borne by the school district or parents of the student for students enrolled full-time**, depending on the circumstances associated with taking the course(s).

LANGUAGE ARTS DEPARTMENT

COURSE #	COURSE	LENGTH
	Structure of Literacy & Language	1 semester (fall)
	Creative Literacy	1 semester (spring)
	Themes of Language	1 semester (fall)
	Classic Literature	1 semester (spring)
0103	Composition Skills	1 semester
0106-0107	American Literature	all year
	*Senior English	1 semester (fall)
	*College Bound Senior English	1 semester (spring)
	*British Literature	1 semester
	*World Literature	1 semester
0121	Reading	1 semester

* ONE OF THE ABOVE FOUR COURSES MUST BE COMPLETED IN THE SENIOR YEAR TO FULFILL THE SENIOR LANGUAGE ARTS REQUIREMENT.

Composition Skills

1 semester

1081

Grade 9
Required
Credit: 1

Composition Skills is a one-semester course required for graduation. The course should be completed by the end of the ninth grade year. This class is designed to provide students with the fundamentals of writing skills; grammar, correctness of expression, five-paragraph format for essays, thesis statement, persuasion, and research. Technology skills will be incorporated to enhance student writing.

Structure of Literature and Language

1 semester (fall)

Grades 9 and 10
Elective
Credit: 1

This is a one-semester course. The course will cover the structure of literature. This unit focuses on learning about the elements of the short story, novel, and nonfiction passages. Students will also further their understanding and application of correct grammar and basic composition skills. Students will be responsible for evaluating literature, writing assignments, and projects.

Creative Literature

1 semester (spring)

Grades 9 and 10
Elective
Credit: 1

This is a one-semester course. This course will cover mythology, poetry, drama, and a novel. Students will be exposed to mythology from various cultures and dramatic units. Students will also study poetry and poetic terminology. Students will be responsible for reading and evaluating literature, creative writing assignments and projects.

Themes of Language

1 semester (fall)

Grade 9 or 10
Elective
Credit: 1

In this one semester course students will explore the various themes of language arts through a variety of works and writings. Students will read a variety of works including, but not limited to, novels, short stories and non-fiction. Students will also expand upon their writing skills by creating writings related to their readings.

Classic Literature

1 semester (spring)

Grade 9 or 10
Elective
Credit: 1

In this one semester course students will explore a variety of literature. Students will read a variety of works including, but not limited to, novels, classical literature, and works of drama. With a combination of readings, both in class and independent novels, students will learn how to discuss and critique literature.

American Literature all year 1006
Grades 11
Required
Credit: 2
Pre-requisite: Lang 9 & Lang 10 (Sem. 1)

This required class involves a study of 17th - 20th Century Literature. American Literature involves independent and small group work, project work, and large group discussion. There is an emphasis on personal evaluations of literature, both oral and written. The course is designed to increase the student's knowledge of the literature-history connection, hone skills in reading, writing, listening and speaking, and further develop critical thinking skills.

Senior English 1 semester (fall)
Grade 12
Senior Elective
Credit: 1
Pre-requisite: Amer. Literature

This one semester course may be used to fulfill the senior English requirement. Senior English will focus on life skills such as resume writing, job interviews, and applications. Students will also be expected to write for various purposes to help strengthen written communication.

College Bound Senior English 1 semester (spring)
Grade 12
Required*
Credit: 1
Pre-requisite: Amer. Literature

This one semester course may be used to fulfill the senior English requirement. This is a course in advanced composition and is designed for the college-bound student. Writing tasks will include college applications and scholarship essays, persuasive essays, and several other types of writing.

British Literature 1 semester
Grade 11 or 12
Required*
Credit: 1
Pre-requisite: 4 semesters of Language Arts

This one semester course may be used to fulfill the senior English requirement. The study of the works of major authors that contributed to British literature from ancient to modern times is the focus of this course. Class activities will include considerable reading, evaluation of major works, class discussions, writing exercises, and several projects.

World Literature 1 semester 1008
Grade 11 or 12
Required *
Credit: 1
Pre-requisite: 4 semesters of Language Arts

This one semester course may be used to fulfill the senior English requirement. The study of the works of major authors from around the world from ancient to modern times is the focus of this course. Class activities will include considerable reading, evaluation of major works, class discussions, writing exercises, and projects.

Reading
Grade 9-12
Elective
Credit: 1

1 semester

1031

Required when a student is not proficient in math by Iowa Testing standards.

This is a required course for students who test below proficient (41%) on the Iowa Tests of Educational Development. Those who take this course will have required reading and also focus on developing reading fluency and comprehension. There are weekly vocabulary tests and small group activities to help students understand oral versions of short stories. There are limited opportunities to test out of this course.

FOREIGN LANGUAGE

COURSE #	COURSE	LENGTH
0200-0201	French I	all year
0202-0203	French II	all year
0204-0205	French III	all year
0206-0207	French IV	all year
0250-0251	Spanish I	all year
0252-0253	Spanish II	all year
0254-0255	Spanish III	all year
0256-0257	Spanish IV	all year

French I all year 1205
Grade 9-12
Elective
Credit: 2

Pre-requisite: at least a C in Language Arts or any other foreign language or teacher approval

French I challenges the student to expand his/her horizons through the study of the French language and the culture of the French-speaking world. This course focuses upon the development of everyday speaking, writing, reading, grammar, and comprehension skills. Emphasis is placed upon language use in realistic situations. In addition, the student is provided with many opportunities to explore various aspects of the culture and cuisine of French-speaking countries.

French II all year 1205
Grade 10-12
Elective
Credit: 2

Pre-requisite: French I with at least a C grade or teacher approval

French II continues the study of the French language and culture. The student will again focus on skills needed to converse readily in many situations. Grammar skills are reviewed and more difficult concepts are introduced. New vocabulary is constantly introduced through relevant reading selections. Students continue exploring culture, customs and cuisine of French-speaking countries.

French III all year 1205
Grade 11-12
Elective
Credit: 2

Pre-requisite: French II with at least a C grade or teacher approval

The French III student continues to use French in both everyday and more specific situations. Individual and group projects aid students in refining reading, writing, speaking, and comprehension skills. The student will continue to explore the culture and cuisine of French-speaking countries. The student will study French history and France's influence in the United States.

French IV all year 1205
Grade 12
Elective
Credit: 2

Pre-requisite: French III with at least a C grade or teacher approval

This course is a continuation of the study of French through writing, conversation and the reading of French literature. Emphasis remains upon the everyday life of person in French-speaking countries. Students are introduced to approval literary masterpieces by Antoine St. Exupery, Alexandre Dumas and Victor Hugo.

Spanish I all year 1201
Grade 9-12
Elective
Credit: 2

Spanish is a course developed for those students who would like to learn another language while exploring the culture and everyday life of the Spanish-speaking world. Emphasis is placed on learning the vocabulary and grammar needed to communicate in Spanish. Students also investigate the different areas of the world with Hispanic culture.

Spanish II all year 1201
Grade 10-12
Elective
Credit: 2

As a continuation of Spanish I, students again expand and focus on their vocabulary and grammar skills. Emphasis continues to be on communication skills as well as the understanding and appreciation of Hispanic culture.

Spanish III & IV all year 1201
Grade 11-12
Elective
Credit: 2

Students begin an in-depth look at Spanish history, literature, art, and culture. Conversation and reading skills are reviewed and practiced and grammar structures are analyzed. Students are introduced to famous literary masterpieces such as Don Quixote and "EnPaz". Emphasis continues to be placed on the everyday life of persons in Spanish-speaking countries. Spanish IV students teach basic Spanish to elementary students.

SOCIAL STUDIES

COURSE #	COURSE	LENGTH
0400	World Area Studies	1 semester
0401-0402	U.S. History: 1865 to Present	all year
0403	Western Civilization	1 semester
0404	Psychology	1 semester (fall)
0405	Topics in Psychology	1 semester (spring)
0406	Social Problems	1 semester
0407	21st Century World Problems	1 semester
0408-0409	Advanced Placement U.S. History	all year
0410	*Economics	1 semester
0411	*Government	1 semester

***Must be taken to fulfill the senior requirement.**

World Area Studies 1 semester 2714
Grade 9-10
Required
Credit: 1

The focus will be on developing an understanding of diverse world cultures and the relationships that exist between the many different cultures, which continue to play an increasingly greater role in one interdependent global society. Emphasis will also be placed on reinforcement and enhancement of physical geography skills.

U.S. History: 1865 to Present all year 2724
Grade 10-11
Required
Credit: 2

American History depicts the American way of life from 1865 (political, social, economic) to the present. It will give students a greater appreciation of our freedom and independence by learning of the struggles involved in establishing our heritage.

Western Civilization 1 semester 2753
Grade 10-12
Elective
Credit: 1

This course involves the study of civilizations that contributed to development of the present cultures in Europe and the United States. Topics covered include: Egypt, Greece, Rome, the Middle Ages, the Renaissance Reformation. This class is valuable background for many required college history classes.

Psychology fall semester 2771
Grade 10-12
Elective
Credit: 1

Psychology is designed to assist young people in a better understanding of themselves and others. Topics discussed include: history of the science of psychology theories, basic vocabulary, genetics, development, biological influences on personality, personality disturbances, treatment, drugs and alcoholism, tests, mental retardation, savants and giftedness. A variety of instructional methods are used to encourage the student to enjoy learning.

Topics in Psychology spring semester 2772
Grade 10-12
Elective
Credit: 1

Topics in Psychology involves the student in a variety of subjects such as memory, learning, motivation, stress, personality types, gender roles, sensory information, gang, cults and conformity. Students will work together to produce a learning center as a semester project.

<u>Social Problems</u>	1 semester	2751
Grade 11-12		
Elective		
Credit: 1		

The class examines contemporary social problems in the world today, especially in the U.S. The approach attempts to open up your thinking and show you the different ways of looking at an issue. No attempt is made to persuade you into thinking one way; we just examine the issues. Some of the issues studied are chemical dependency, human sexuality, sex roles and inequality, crime and criminals, violence, aging, family stress, prejudice and discrimination and the population crisis. Projects, research papers, worksheets, speakers, field trips and tests are the teaching methods utilized. This class will be offered only the 1st semester.

<u>21st Century World Problems</u>	1 semester	2752
Grade 11-12		
Elective		
Credit: 1		

Most of the problems of today's world are rooted in the past. In this class students will examine world events of the 20th Century for the purpose of understanding today's problems and future trends. World developments in all regions of the world will be studied. Current world problems will be studied and emphasis will be given to the major issues of the day. Everything from wars to environmental issues will be a concern of the class. This class will be offered only the second semester.

<u>Advanced Placement U.S. History</u>	all year	2725
Grade 11-12		
Elective		
Credit: 2		

Pre-requisite: 3.00 GPA or approval by department

A one year comprehensive study of U.S. History from Discovery Age to present. This course will prepare students for entry-level college history courses. Students will improve their reading, writing and analysis skills. There is a possibility that students enrolled in A.P. History will be able to earn college credit by scoring high enough on the College Board A.P. History test given in May of each year.

<u>Economics</u>	1 semester	2741
Grade 12		
Required		
Credit: 1		

Economics is a one-semester class for all seniors. It is a requirement for graduation. It covers introductory economic concepts including: U.S. economy, supply and demand, stock market, taxes, U.S. government policies, unemployment, and business in the United States. Various consumer topics are covered. This course meets the requirement for Economics and Financial Literacy of the Iowa Core Curriculum. Numerous activities and guest speakers are utilized.

<u>Government</u>	1 semester	2730
Grade 12		
Required		
Credit: 1		

Government is a one-semester class for all seniors. It is a requirement for graduation. It covers introductory government concept including: U.S. Constitutional Principles; Executive, Legislative, and Judicial branches; Comparative Government; Politics and Elections: of Government United States. Current events are an integral part of his course. This course meets the American Government requirements of the Iowa Core Curriculum.

MATHEMATICS

COURSE#	COURSE	LENGTH
5463	Problem Solving and Reasoning	all year
	Advanced Problem Solving and Reasoning	all year
0302-0303	Business Math	all year
0308-0309	Algebra I *	all year
0310-0311	Algebra II *	all year
0312-0313	Geometry *	all year
0314	Trigonometry	1 semester
	Finite Math	1 semester

*** Please note: in order to enroll for 2nd semester of these courses, one must successfully pass 1st semester.**

Problem Solving and Reasoning I all year
 Grades 9 -11
 Course Length – 1 year
 Credit 2
Pre-requisite: required when a student entering high school through their sophomore year is not proficient on the Mathematics Test of Iowa Skills. (ITEDS)
 This course is redesigned for students who struggle in math. Students will revisit material that was presented in previous years such as: data analysis, math concepts and procedures, problem solving, and computation of integers, decimals/percents, fractions, and algebraic expressions/equations. The goal of this course is to help the transition into the algebraic class and to remediate students deemed non-proficient by Iowa-testing.

Advanced Problem Solving and Reasoning all year
 Grades 11 & 12
 Course Length – 1 year
 Credits 2
Pre-requisite: required when Juniors are not proficient on the Mathematics Test of Iowa Skills. (ITEDS)
 The focus of this course is on using quantitative reasoning and intuitive logical thought techniques to solve problems. Selected topics may include, but are not limited to, number estimation, number theory, probability, mathematical modeling, regression, infinity, strange geometries, chaos and fractals, and famous math problems. This course meets the general education mathematics requirement.

Business Mathematics all year 2064
 Grade 10-12
 Elective
 Credit: 2
 This course is the study of arithmetic of everyday usage. Activities include making deposit slips, checks, sales slips, invoices, purchases, sales record forms, payrolls, commissions, promissory notes, savings and investment budgets, etc. Other topics to be covered will include instruments for borrowing money, methods of saving and investing, home expenses, transportation costs, taxes, and buying and selling problems as related to business enterprises. This course has personal value to all students and is especially applicable to those pursuing business and vocational careers. (This course may be taken to fulfill mathematics requirement.)

Algebra I all year 2031
 Grade 9
 Elective
 Credit: 2
Pre-requisite: C average in 8th grade math or Algebra A
 This course is a study of equations, functions, coordinate systems, and applications of each in problem solving. Algebra I should be considered the first in a series of college preparatory courses in the mathematics curriculum. 2nd semester is open only to those who successfully pass 1st semester.

Algebra II all year 2041
 Grade 10-12
 Elective
 Credit: 2
Pre-requisite: C average or above in Algebra I or Algebra A / B, and successful completion of Advanced Geometry
 This is an integrated course in algebra and trigonometry containing the modern mathematical viewpoints. Emphasis is placed on mathematical structure, various number systems, from natural to complex numbers and the properties of each. This course is the second in a series of college preparatory courses. 2nd semester is open only to those who successfully pass 1st semester.

Geometry
Grade 10-12
Elective
Credit: 2

all year

2034

Pre-requisite: C average or above in Algebra I or Algebra A and B

A standard study of euclidean plane geometry with a strong emphasis on the solving of geometric proofs. Included are brief studies of logic, trigonometric functions and coordinate geometry. This is a two semester course. 2nd semester is open only to those who successfully passed 1st semester geometry. This course is for every student who plans on attending college.

Trigonometry
Grade 11-12
Elective
Credit: 1

1 semester

2043

Pre-requisite: 1 year Geometry and completed the 1st semester of Algebra II with a B average or above in both

An intense study of trigonometry functions and relationships. Major emphasis is placed on the solving of triangles, trigonometric identities, use of vectors, and transformations. This course is highly recommended for those going to college.

Finite Math
Grade: 11-12
Elective
Credit: 1

1 semester

Pre-requisite: Successful completion of Trigonometry

Finite Math is a collection of topics that are anything but calculus. The purpose of the course is to give a survey of mathematical analysis techniques used in the working world, and also gives valuable experience at organizing information and then analyzing it. In a larger sense, it's also another way we use math to give people experience at analytical thinking. Topics include: Mathematical model building, matrix algebra, linear programming, combinatorics, probability, statistics, and logic.

SCIENCE

COURSE#	COURSE	LENGTH
0600-0601	Physical Science	all year
0602-0603	Biology	all year
0604	Environmental Studies	1 semester
0605	Science, Technology and Society	1 semester
0606-0607	Anatomy	all year
0608-0609	Chemistry	all year
0610-0611	Physics	all year

<u>Physical Science</u>	all year	1703
Grade 9 Required Credit: 2		
An introductory course to the study of matter (chemistry) and energy (physics). Topics include the scientific method, Newton's laws of motion, centripetal force, projectile motion, sound, light, weather, climate, the solar system, universe and evidence for the "big bang," the particle model of matter, heat and heat transfer. Extensive use of the lab and hands on activities are employed to assist students in their understanding of the important concepts of this class.		
<u>Biology</u>	all year	1711
Grade 10 Required Credit: 2		
Biology is the study of living organisms that asks the questions what does it mean to be alive, and how do living things do some of the thing they do. Biology is all about different relationships of organism in an environment and this class will discuss all of these relationships as well as the relationships of the different levels of organization of living organisms. Lab work will also be utilized to aid in the educational process.		
<u>Environmental Studies</u>	1 semester	1751
Grade 11-12 Elective Credit: 1		
Environmental principles and topics will be studied in this course. Emphasis is placed on ecological awareness, current environmental issues and development of skills needed for citizen action and involvement in environmental management. Areas of concern to be investigated are resource management, environmental pollution, human interaction with the environment and current fishing laws. Environmental studies include individual and group reports, projects and laboratory investigations.		
<u>Science, Technology, and Society</u>	1 semester	1781
Grade 11-12 Elective Credit: 1		
This semester class is open to college and non-college bound students. Essential concepts in basic science will be covered, by looking at the connections between science, technology, and society. Areas of concern that will be examined include the changing earth, weather, energy and society, the expanding universe, radiation, and toxic wastes. This course is aimed at teaching science literacy to the students who will not become professional scientists		
<u>Anatomy</u>	all year	1713
Grade 11-12 Elective Credit: 2		
Pre-requisite: Grade B or higher in Biology or instructor permission		
Anatomy is a work intensive course focusing on describing and explaining the fundamental facts and principles of human structure and function. The class will cover an in-depth look at the structural levels of organization and follow them from the chemical level all the way to the organism level. Lab will be utilized to aid in the learning process. Anatomy is highly recommended for the student planning on a health career.		

Chemistry all year 1721
Grade 11-12
Elective
Credit: 2

Pre-requisite: Algebra I

Chemistry is a survey course of inorganic chemistry. The properties of the elements, their compounds, reactions, and practical uses constitute the main portion of the course. One or more labs accompany each unit of study. College bound students should consider this course a must. This is a suitable course for the average and above average student. Safety goggles and a calculator are required. A scientific calculator is recommended.

Physics all year 1731
Grade 12
Elective
Credit: 2

Pre-requisite: grade B or higher in Algebra I or instructor approval

A survey of the basic fields of physics including mechanics, heat, light, sounds, electricity, and nuclear physics is presented. Since physics is an attempt to describe the physical world in mathematical terms, this course makes use of many mathematical equations. One or more labs accompany each unit of study. This course is highly recommended for students planning to take additional science courses in college. A calculator is required, a scientific calculator is recommended.

BUSINESS EDUCATION

COURSE#	COURSE	LENGTH
0501	Software Essentials I	1 semester
0502	Software Essentials II	1 semester
0503	Software Essentials III	1 semester
089/098	Yearbook	all year
	Personal Finance	1 semester
0508	Business Law I	1 semester
0508	Business Law 2	1 semester
0510	Accounting I	1 semester
0511	Accounting II	1 semester
	Accounting III	1 semester (fall)
	Accounting IV	1 semester (spring)
0007-0008	Technology Assistant	all year

Software Essentials I 1 semester 0205
Grade 9-12
Required for all freshmen
Elective for 10-12
Credit: 1

This course is designed to introduce students to common business software such as Microsoft Word, Excel, PowerPoint, Outlook, and Publisher. Students will learn how these programs can be used in both their personal and business lives. This will be the first of three sequential classes offered for computer application usage.

Software Essentials II 1 semester 0302
Grade 9-12
Elective
Credit: 1

Pre-requisite: Software Essentials I

This course will be a continuation of Software Essentials I. Students will continue to learn more features of several programs including Microsoft Word, Excel, PowerPoint, Outlook, and Publisher.

Software Essentials III 1 semester (fall) 0303
Grades 10-12
Elective
Credit: 1

Pre-requisite: Software Essentials II

This course will be a continuation of Software Essentials II. Students will learn more advanced features of several programs including Microsoft Word, Excel, PowerPoint, and Outlook. In addition, students will use Microsoft Publisher and digital images to create a family calendar.

Personal Finance
Grades 10-12
Elective
Credit: 1
(may be offered every other year depending on enrollment)

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include money management spending and credit, as well as saving and investing. Students will develop personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

Yearbook all year 1902
Grade 10-12
Elective
Credit: 2

This course deals with all phases of yearbook preparation: planning, design, layout, photography, copywriting, advertising, sales, assembly and distribution. The course will include information about preparation and printing, and hands on production experience in assembling the yearbook. The class is open to all students in grades 10-12 upon teacher approval.

<u>Business Law I</u>	1 semester	2763
Grade 9-12		
Elective		
Credit: 1		
A semester of business law provides for the study of fundamental principles of law in relation to business, including contracts, agency and negotiable instruments, sales, consumer protection, marriage and divorce, and property. This course is applicable to all curricula but highly recommended for students in the business curricula.		

<u>Business Law 2</u>	1 semester	2763
Grade 9-12		
Elective		
Credit: 1		
The second semester of business law provides for the study of law pertaining to jobs, discrimination, employee injuries, forms of business organizations, and borrowing money and credit.		

<u>Accounting I</u>	1 semester	0207
Grade 10-12		
Elective		
Credit: 1		

This course is designed to teach the principles and fundamentals of recording business transactions, the preparation of statements, and interpretation of all phases. Applicable to all curricula and strongly recommended for students of secretarial science. Average success in mathematics is essential for success in bookkeeping.

<u>Accounting II</u>	1 semester	0207
Grade 10-12		
Elective		
Credit: 1		

Pre-requisite: Accounting I

This course is a continuation of Accounting I. The student gains a deeper knowledge about record keeping that cannot be covered satisfactorily in the beginning course, increases his/her knowledge in order to maintain proper financial records. Applicable to all curricula and especially to business students.

<u>Accounting III</u>	fall semester	0207
<u>Accounting IV</u>	spring semester	0207
Grade 11-12		
Elective		
Credit: 1 each		

Pre-requisite: Accounting I & II

These are semester elective courses of study designed to improve and develop the skills and understandings learned in Accounting I & II. The course emphasizes partnership, corporation, and cost accounting.

Technology Assistant
By Instructor Approval Only
Elective
Credit: 1

all year

0397

Students in this course will work directly with the District Technology Coordinator in everyday management of technology in the district. Students will assist with computer maintenance, repairs, software installation, and network management. Students enrolled in this course should have a strong background in computer technology, a strong work ethic, and the ability to work independently. Because of the nature of technology, it is important that students in this class are trustworthy. It is recommended that students have completed or plan to complete the Computer Hardware/Software Basics class. **Students who wish to enroll in this class must have instructor approval.**

FINE ARTS

COURSE#	COURSE	LENGTH
0700	Studio Art	1 semester
	Drawing	1 semester (fall)
	Painting	1 semester (spring)
0701	Pottery I	1 semester (fall)
	Pottery II	1 semester (spring)
	Advanced Pottery	1 semester
0712	Advanced Studio Art	1 semester
0702-0703	Junior Varsity Choir	all year
0704-0705	Varsity Choir	all year
0706-0707	Band	all year
0709	Music Theory	all year

Studio Art 1 semester 1161
Grade 9-12
Elective
Credit: 1

Studio Art is a one semester course for the student interested in exploring several creative art mediums. Units covered will include: drawing, pastels, printmaking, painting, calligraphy, and sculpture. Students will also learn art terminology and some art history. Grading will be based on attitude, attendance, and the completion of required projects. This class will fulfill the fine arts requirement for graduation.

Drawing 1 semester (fall)
Grade 10-12
Elective
Credit: 1

Pre-requisite: Students must pass studio art with a grade of B or better to enroll

This is a one semester course in which the student has the opportunity to work with and explore different drawing media. Students will learn traditional and contemporary problems of representation, composition, art history and movements.

Painting 1 semester (spring)
Grade 10-12
Elective
Credit: 1

Pre-requisite: Students must pass studio art and drawing with a grade of B or better to enroll

Students will explore basic techniques in acrylic, tempera and watercolor. Students will learn to stretch a canvas for a painting as well as using canvas board. Introduction to various painting styles and artists known for that style are covered.

Pottery I 1 semester (fall) 1164
Grade 10-12
Elective
Credit: 1

This is a one semester course in which the student will learn the basic principles of working in clay. Students will focus on learning several hand building techniques and the fundamentals of throwing on the wheel. Grading will be based on attitude, attendance, work habits and the completion of required projects. An additional lab fee may be imposed based on the amount of materials used. This class will fulfill the fine arts requirement for graduation.

Pottery II 1 semester (spring)
Grade 10-12
Elective
Credit: 1

Pre-requisite: Students must pass Pottery I with a grade of B or better

This is a one semester course in which students will concentrate on further study in clay construction, emphasizing form and design. Students will continue to work on wheel throwing and hand building techniques or a combination of both techniques. Grading will be based on attitude, attendance, work habits and the completion of required projects. An additional lab fee may be imposed based on the amount of materials used.

Advanced Pottery

1 semester

Grade 11-12

Elective

Credit: 1

Pre-requisite: Students must pass Pottery I & II with a grade of B or better to enroll

This is a one semester course for the student who has a serious interest in pottery and learning advanced techniques in clay and glaze. Students will be required to make advanced hand built pottery projects, advanced wheel projects and learn various techniques for designing and decorating their pieces. An additional lab fee may be imposed based on the amount of materials used. **This course may be repeated for credit with instructor approval.**

Advanced Studio Art

1 semester (fall)

1181

Grade 11-12

Elective

Credit: 1

Pre-requisite: Students must pass studio art, drawing and painting with a grade of B or better

Advanced Studio Art is a course for the serious art student. Students will select one or several artistic areas to explore in depth during the semester, with the goal to develop pieces for a portfolio. Students will learn the basics of taking and preparing digital images of their completed work and develop a resume to submit when applying to art schools, scholarships, and art shows. Students may be required to purchase their own materials. **This course may be repeated for credit with instructor approval.**

Junior Varsity Choir

all year

1130

Grade 9-12

Elective

Credit: 2

This is a non-auditioned choir for students in grades 9-12. The course is designed to work on the fundamentals of reading musical scores, vocal production, and musicianship. Performances will include all school choral concerts (up to 3 a year). Students will be eligible to audition for the All-State Chorus, the spring musical, state small group contests, Minnisingers, and all other student singing ensembles.

Varsity Choir

all year

1130

Grade 9-12

Elective

Credit: 2

Enrollment by instructor approval

This class is an auditioned group selected from students who demonstrate advanced levels of musical ability and a strong work ethic. Performances will include all school choral concerts. Students will perform advanced choral literature that will include Iowa All-State repertoire. Varsity choir will compete at state/district music contests and will be involved in the Spring Musical. Students from this choir may also audition for the All-State Choir, be involved in solo/small group contests, festivals, honor choirs, Minnisingers, and other student singing ensembles.

Band all year 1121
Grade 9-12
Elective
Credit: 2
Permission of instructor

Band is a course in the fundamentals of musicianship through applied instrumental music. It helps develop knowledge and understanding of music as well as skill in playing an instrument. Band provides opportunities for growth as an ensemble through the study and performance of a wide variety of quality literature. Activities include Marching Band, Color Guard, Concert Band, Pep Band, Jazz Band, contest activities, All-State, and District Honor Bands.

Music Theory all year 1141
Grade 10-12
Elective
Credit: 1 (if taken as a semester class)/2 (if taken all year)
Pre-requisite: Theory students will be enrolled in chorus or band for the year, enrollment by instructor permission only.

This course is offered for **10th through 12th grade students who are serious about music**, especially those with goals of a major or minor in music at the college level. Teacher approval required. The course will include the study of basic theory fundamentals.

INDUSTRIAL, AGRICULTURAL, & SAFETY EDUCATION

COURSE#	COURSE	LENGTH
0800	Intro. to Mechanical Design	1 semester
0801	Architectural Design	1 semester (fall)
0802	CAD Design	1 semester (fall)
0803	Engineering Design Technology	1 semester
0804	Manufacturing	1 semester
0805	Electricity	1 semester
0806-0807	Principles of Technology	all year
0808-0809	Woods I	all year
14/15	Virtual Reality	1 semester
	Intro to Contemporary Agriculture (Ag Ed I)	all year
	Agriculture Education II	all year
	Ag Business	all year
	Advanced Animal Science	1 semester
	Agriculture Power Mechanics	1 semester (spring)
	Ag Metals and Welding	1 semester (fall)
	Wildlife and Fisheries Management	1 semester (fall)
	Horticulture	1 semester (spring)
	Food Technology	1 semester

<u>Intro. to Mechanical Design</u> Grades 9-12 Elective Credit: 1 This course is the first of three sequential courses that make up the Engineering related design program. Introduction to Mechanical Design will provide the basic skills needed to pursue advanced courses in the program or appreciate the skills needed to explore an occupation in an Engineering related field. Learned concepts will include: reading and scaling techniques, construction of lines and letters, geometric construction, orthographic views, dimensioning and sectional views, and computer-aided design (CAD) concepts. This course is a pre-requisite for Architectural Design, CAD Design, or Engineering Design.	1 semester	0702
<u>Architectural Design</u> Grades 10-12 Elective Credit: 1 Pre-requisite: Intro to Mechanical Design This program is the second in a series of Engineering related courses in the design program. You must have taken Introduction to Mechanical Design to enter this class. A broad spectrum of drafting techniques and areas will be covered. Learned concepts include: pictorial views, drawing specifications, and perspective views will be mastered before designing: various floor plans, foundation plan, and building perspectives.	1 semester (fall semester)	0703
<u>CAD Design</u> Grade 10-12 Elective Credit: 1 Pre-requisite: Intro to Mechanical Design This program is the second in a series of engineering related programs. Students must have taken Intro to Mechanical Design to enter this class. In Computer Aided Drafting the students will use the knowledge and techniques learned in the Intro. to Mechanical Design class. They will be doing the same types of drawings that they did in Design 1, only this time they will be doing the drawings on a computer. Companies are getting rid of their pencils, drawing boards, and scales. Computers and CAD software help drafters prepare drawings quicker and more accurately. The key word is "help". The process of drafting still requires the knowledge and experience of the drafter.	1 semester (fall semester)	0707
<u>Engineering Design Technology</u> Grade 10-12 Elective Credit: 1 Pre-requisite: Intro to Mechanical Design and CAD Design EDT is the last course in a series of three in the design program. This is an advanced course for more in-depth study of mechanical and working drawings. Students wishing to take this course must have completed Introduction to Mechanical Design and CAD Design. Learned concepts include: precision measuring instruments, tolerance, keyways, gears and cams, thread and weld assemblies, cast and plastic molded drawings, piping components, fluid power schematic, sheet metal layouts, exploded assembly drawings and electronic diagrams. Manual and computer drawing techniques will be used in this course.	1 semester	0706
<u>Manufacturing</u> Grade 9-12 Elective Credit: 1 Manufacturing provides the study of materials and processes used in industry. Characteristics of metals and plastics will be covered to access applications. Areas of study will include sheet metal, welding, machine tooling and foundry. The foundry unit will be twofold by studying cast metals and cast plastics. Plastics processes include injection molding. Laboratory experiences will enhance classroom activities through hands-on projects. A fee for some materials will be assessed to the student.	1 semester	1612

Electricity 1 semester 0462
 Grade 10-12
 Elective
 Credit: 1

This course is designed for students interested in exploring a career in the electricity or electronics field. Areas of discussion will include electrical safety, electron theory, characteristics of resistors and circuit breakers, Ohm's law, and series, parallel, and combination circuits. The course of study will include a limited amount of house electrical systems.

Principles of Technology all year 1732
 Grades 10-12
 Elective:
 Credit: 2

Pre-requisite: Algebra I

Principles of Technology is a course in applied science for those who plan to pursue careers as technicians or those who want to keep pace with the advantages of technology. Principles of Technology helps make scientific concepts understandable through hands-on learning in challenging laboratory settings. Areas of discussion will include mechanical, fluid, electrical and thermal energy systems.

Woods I all year 0417
 Grades 10-12
 Elective
 Credit: 2

Pre-requisite: Intro to Mechanical Design

This course is designed to introduce students to the following woodworking machines: radial arm saw, jointer, table saw, band saw, jig saw, turning lathe, drill press, saber saw, router, sanding machines and surfacer. Students will be expected to learn how to properly care for and use these machines. An extensive safety unit over the machines will also be included in the course of study. The students will not only learn through instruction but will learn by actually using the machines in the construction of an assigned project. Sanding and finishing woodworking projects will also be covered.

Virtual Reality 1 semester
 Grades 9-12
 Elective
 Credit: 1

Virtual Reality is often used to describe a wide variety of applications commonly associated with highly visual 3-dimensional environments. Virtual Reality uses a computer to create a simulated 3-dimensional world. This class is an independent study where the student is free to explore and learn a variety of techniques used in computer graphics, virtual reality and computer animation. Students that are in this class must be self motivated, have a desire to learn and have a good imagination. With this class being an independent study, students will be on their own doing research and designing various projects that will be due throughout the year.

Introduction to Contemporary Agriculture all year
 Grades 9-12
 Elective ***This course may be taken as a science elective***
 Credit: 2

This course is designed especially for the freshman or beginning agriculture student of any grade level. It includes an introduction to FFA and supervised agricultural experience programs, Leadership Skills, Animal Science, and Animal Welfare. Agribusiness is stressed at all times. The animal science curriculum includes: breeds of, reproduction of, the digestive systems of, and management of livestock, pets, and birds. Time in this course will also be spent learning the application of science and biology principles as they relate to the livestock industry.

Agricultural Education II

all year

Grades 10-12

Elective ***This course may be taken as a science elective***

Credit: 2

Pre-requisite: Intro to Ag or instructor approval

This course is designed primarily for the sophomore or second year agricultural student; however, enrollment is open to any student who has taken Intro to Ag in grades 10-12 or with permission of the instructor. This year long course revolves around crop production and horticulture. Class time is spent studying soils, fertilizers, agronomic crops, floriculture, and houseplants. Scientific and biologic principles learned in other classes will now have an application. Students will learn leadership skills through a continuation of FFA and supervised agricultural experience programs. Agribusiness is related at all times and students will participate in a variety of in-class, hands-on activities such as soil sampling, fertilizer/nutrient experiments, guest presentations and growing of plants indoors and outdoors.

38

Agriculture Business Management, Sales, and Marketing

all year

Grades 10-12

Elective

Credit: 2

Pre-requisite: Intro to Ag or instructor approval

Students interested in gaining knowledge and skills in the areas of farm or business management and agricultural sales will benefit most from this advanced course. It examines the business and economic principles applied to decision making and problem solving in farm/business management. Students learn about cash flow, partial, enterprise, and whole farm budget as well as areas of credit and money management. Areas of job seeking and interviewing skills will be strengthened through mock interviews. Students will develop skills and knowledge in agricultural sales techniques, advertising, and personnel management through in-class activities such as mock sales and guest speakers from the industry as well as out-of class activities such as industry visits.

Advanced Animal Science

1 semester

Grades 11-12

Elective ***This course may be taken as a science elective***

Credit: 1

Pre-requisite: Intro to Ag or Instructor Permission

The focus of this course is to develop management skills. In-depth coverage of livestock and small animal management (feeding, care, processes, etc) marketing, decision management, and problem solving will give students a working knowledge of production agriculture to increase profitability and efficiency. Emphasis will be placed on the impact on production agriculture of federal and state regulations and policy as well as the relationships between international and domestic agriculture production, trade, and development. Students will experience a variety of hands-on activities including dissections, demonstrations, and field trips.

Agriculture Power Mechanics

1 semester (spring)

Grades 11-12

Elective

Credit: 1

Pre-requisite: Intro to Ag or Instructor Permission

MAX CLASS SIZE: 10

The focus of this advanced course will be on skill development in the area of power mechanics. Student learning will concentrate on the fundamentals of power with laboratory experience making up the majority of the course. Students will overhaul a small gas engine and do basic preventive maintenance on other agricultural machinery. Emphasis will also be placed on transitioning to the workforce or college and utilization of the skills learned in this course.

Ag Metals and Welding

1 semester (fall)

Grades 10-12

Elective

Credit: 1

Pre-requisite: Intro to Ag or Instructor Permission

MAX CLASS SIZE: 14

The focus of this course will be on skills development in the area of basic metallurgy. In-depth, hands-on work will assist the students in becoming more aware of the various welding processes, machines, materials, terminology, and safety. The students will do reading, written work, math, print reading, tests, and weld job sheets. The student will also be required to complete a minimum of one major welding project. Units of instruction will include fundamentals of welding, oxyacetylene welding, shielded metal arc welding, gas welding, and TIG welding.

39

Wildlife and Fisheries Management

1 semester (fall)

Grades 10-12

Elective ***This course may be taken as a science elective***

Credit: 1

Pre-requisite: Intro to Ag or Instructor Permission

This course provides broad and diverse study of wildlife habitats, characteristics, natural resources, water quality, and forest management and preservation. This semester course emphasizes the development of knowledge and skills through hands-on activities in hunter safety, wildlife and fisheries management, tree identification, and the use and managing of public lands for wildlife and forestry.

Horticulture

1 semester (spring)

Grades 10-12

Elective ***This course may be taken as a science elective***

Credit: 1

Pre-requisite: Intro to Ag or Instructor Permission

This course is for students interested in gaining knowledge and skills in the many areas of horticulture. Instruction will be provided in basic plant science including plant propagation and production, greenhouse management, turf management, and hydroponics. Students will implement a horticultural business plan for the sale and marketing of crops produced in a greenhouse. Students will apply knowledge and skills in real life situations and test their theories through practice.

Food Technology

1 semester

Grades 10-12

Elective

Credit: 1

Pre-requisite: Intro to Ag or Instructor Permission

Food technology is a course that introduces students to food science with an emphasis on world food production, food safety, consumer preferences, government regulations, and value-added processing. Topics and skill areas include carcass evaluation, retail cuts, packaging and labeling, fresh and preserved foods, fruits and vegetables, and marketing and displaying products. Students will enjoy hands-on activities throughout the semester relating to the above mentioned areas.

FAMILY AND CONSUMER SCIENCE

COURSE#	COURSE	LENGTH
0900	FACS For You	1 semester (fall)
0901	Food Choices	1 semester
0902	Food Careers	1 semester
0903	Global Foods	1 semester
0904	Interior Design	1 semester
0905	Parenting	1 semester\
	Children in Action	1 semester
0906	Adult Living	1 semester
0908	Clothing Technology	1 semester

FAMILY AND CONSUMER SCIENCES

FACS for You*

1 sem.

Grades: 9-11

Elective

Credit: 1

An introductory course designed to help students explore all the areas of family and consumer sciences and the student organization FCCLA, Family Career and Community Leaders of America. Areas of study include: personal development, communication skills, interior design, child development, families, clothing care, nutrition, and food preparation. Students will work individually and cooperatively in groups.

Interior Design

1 sem.

Grades: 9-12

Elective

Credit: 1

Discover more about the historic homes of Red Oak. Learn basic knowledge about interior decoration and the selection of household furnishings and accessories. Computer technology will be used to arrange home furnishings. Students will be expected to develop a portfolio of individual projects.

Clothing Technology

1 sem.

Grades: 9-12

Elective

Credit: 1

This elective course is designed to help students understand the role of clothing in their lives. First quarter will focus upon individual clothing selection to enhance personal appearance, fashion and design, and maintenance. The second quarter will focus upon the use of technology in the construction of sewing projects. Students will be required to prepare a portfolio of project samples and complete a sewing project of their choosing. Students are responsible to purchase all materials needed to complete their individual project.

Parenting*

1 sem

Grades 10-12

Elective

Credit: 1

Parenting is an introductory course in childcare and child development. The course will focus upon three areas of parenting: caring for children, nurturing children, and guiding children. Students will be given an opportunity to use the Baby-Think-It-Over (child care simulator). *Completion of FACS for You and Parenting and with a "B-" or better will allow students to receive credit for high school coursework at any Iowa area college with an early child care program in **ECE 170 Child Growth & Development**. Students are required to complete a portfolio and must have a signed certificate. Eligible students will receive a signed certificate for their student file. Contact counselor office and college office for additional information during your junior year or senior year before graduation.

CHILDREN IN ACTION *

1 sem.

Grades 10-12

Elective

Credit: 1

PREREQUISITE: Parenting (with a "B-" or better)

This course will help prepare students for a career in childcare or early education. Students will develop a portfolio of activities for the toddler and preschool child. Opportunities will be given for student to plan activities for children in the preschool and primary classes.

Completion of both Parenting and Children in Action with a "B-" or better will allow students to obtain advanced placement for high school coursework in **ECE 103: Introduction to Early Childhood Education. Eligible students must compile a portfolio to receive a signed certificate for their student file. Contact counselor office and college office for additional information during your junior year or senior year before graduation*

42

**Adult Living
Grades 11-12
Elective
Credit: 1**

1 sem.

Explore all aspects of adult life: personality development, single living skills, resource management, relationships, mate selection, marriage, parenting, and balancing work and family. Students will participate in class discussions, individual and cooperative learning activities.

Food Choices
Grades: 9-12
Elective
Credit: 1**

1 sem.

Learn basic food preparation and baking skills whiles studying the nutritive contributions of eggs, fruit, dairy, and quick breads to the diet. Students will work cooperatively in groups to prepare foods using safe food handling procedures.

***Completion of Food Choices with a "B-" or better will allow students to receive advanced standing at Iowa area community colleges Hospitality/Culinary Arts programs with a signed certificate of completion for Nutrition competencies. Contact counselor office and college office for additional information during your **junior** year or senior year before graduation.*

**Global Foods
Grades: 10-12
Elective
Credit: 1**

1 sem.

Prerequisite: Food Choices

Discover the role of geography and culture on foods from around the world. Foods from Asian, European, Mediterranean, and Mexican cuisine will be studied and prepared. Students will work cooperatively in groups to prepare foods using safe food handling procedures

**Food Careers
Grades: 10-12
Elective
Credit: 1**

Prerequisite: Food Choices with a "B-" or better or instructor approval

Explore food service related careers by testing and marketing food products, catering, and operation of a café in the classroom. Students will compile a portfolio of career related activities and materials.

Red Oak has an articulation agreement for Culinary Arts. To be eligible students must obtain a B- or above in Food Choices, Global Foods, and Food Careers. Eligible students will receive a certificate for their student file from their instructor. Contact counselor office and college office for additional information during your junior year or senior year before graduation.

PHYSICAL EDUCATION

COURSE#	COURSE	LENGTH
0001	Physical Education	1 semester
0005	Weight Training/Conditioning	1 semester
0013	Aerobic/Fitness	1 semester
0909	Health 1	1 semester (fall)
0910	Health 2	1 semester (spring)

Physical Education
Grade 9-12
Required
Credit: 1

1 semester

2301

Every student is required to enroll in physical education for one semester per year unless he or she presents a written excuse from a doctor. Student's limitations and disabilities will be considered individually and, when possible, an adaptive program will be set up. Students are assigned a letter grade A – F. The grade a student earns will be figured into the student's grade point average. Under this policy the following rules would apply:

1. **Students will be allowed three (3) excused absences without penalty or required makeup work. Examples of excused absences are illness, field trips, college visits, etc.**
2. **The only other absence that will be excused is a medical excuse from a doctor.**
3. **Student absences, beyond the three excused absences, may be made up at the student's desire with a written assignment.**
4. Non-suits, non-participation or unexcused absences may not be made up and will count against the student's grade.
5. Students will be graded on effort and participation in class. Every two (2) unexcused absences will result in the drop of a letter grade. Emphasis is placed on physical fitness, physical vigor, and desirable health habits, safety and sanitation. Students will be afforded the opportunity to learn new activities, improve their skills in these activities, further develop their character and learn proper use of their leisure time.
6. **Grading:** Your grade will be based on participation and dressing out for class + proper behavior.
 - dressing out = 3 points (daily)
 - effort + participation = 7 points (daily)

Weight Training/Conditioning
Grade 9-12
Elective and can fulfill
PE requirement
Credit: 1

1 semester

2322

Grading will be based on your effort, participation and dressing out. All students taking this course should be ready and willing to either build or tone muscle and improve your physical conditioning and agility. This course is an elective and if you choose to take it be prepared to work hard. Do not take this course just to fulfill your PE credits; it is intended for students who want to improve their overall physical skill and conditioning.

All students will be required to follow a lifting program. Students that are involved in athletics will follow a lifting schedule set for their specific sport. Students not involved in athletics will follow a program set up by the lifting instructor. The conditioning aspect of class involves form running and sprints to warm-up at the beginning of class and running, jump ropes, agility drills and circuit training at the end of class.

The grade a student earns will be figured into the student's grade point average. Under this policy the following rules would apply:

1. **Students will be allowed three (3) excused absences without penalty or required makeup work. Examples of excused absences are illness, field trips, college visits, etc.**
2. **The only other absence that will be excused is a medical excuse from a doctor.**
3. **Student absences, beyond the three excused absences, may be made up at the student's desire with a written assignment.**
4. Non-suits, non-participation or unexcused absences may not be made up and will count against the student's grade. Students who take a non-suit will be required to walk during that class period.
5. **Grading:** Your grade will be based on participation and dressing out for class + proper behavior.
 - dressing out = 3 points (daily)
 - effort + participation = 7 points (daily)

45

<u>Aerobic/Fitness</u>	1 semester	2314
Grade 9-12		
Elective and can fulfill		
PE requirement		
Credit: 1		

Grading will be based on your effort, participation and dressing out. All students taking this class should be ready and willing to participate in aerobic exercises along with light weights to tone your bodies. This includes exercise videos, possible jazzercise and short discussion about nutrition and healthy eating habits. Students are assigned a letter grade A – F. The grade a student earns will be figured into the student's grade point average. Under this policy the following rules would apply:

1. Students will not be required to make-up absences and will be given three (3) illness absences without penalty.
2. The only other absences that will be excused are school sponsored functions or a medical excuse from a doctor.
3. Student absences may be made up at the student's desire, with a written assignment.
4. Non-suits, non-participation or unexcused absences may not be made up and will count against the student's grade.
5. Students will be graded on effort and participation in class. Every two (2) unexcused absences will result in the drop of a letter grade. Emphasis is placed on physical fitness, physical vigor, desirable health habits, safety and sanitation. Students will be afforded the opportunity to learn new activities, improve their skills in these activities, further develop their character and learn proper use of their leisure time.
6. **Grading:** Your grade will be based on participation and dressing out for class.
 - dressing out = 3 points (daily)
 - effort + participation = 7 points (daily)

<u>Health I</u>	Fall semester	1401
Grade 9 -12		
Elective		
Credit: 1		

This semester course will provide students with knowledge, skills and resources to help a healthy lifestyle. Topics covered will include health skills for the healthy consumer, physical activity, nutrition, personal care of the body and body systems, injury prevention and environmental health.

<u>Health II</u>	Spring semester	1401
Grade 9 -12		
Elective		
Credit: 1		

This elective semester course focuses on the health issues facing today's adolescent. Areas of study include mental health, promoting safe and healthy relationships, human growth and development, and disease prevention including STI's and HIV/AIDS.

46

OTHER

COURSE#	COURSE	LENGTH
2000-2001	E.B.C.E.	all year
0258-0259	ESL (English as a Second Language)	all year

SPECIAL EDUCATION CLASSES ARE DESIGNED AND OFFERED AS DETERMINED BY TEAM GENERATED INDIVIDUALIZED EDUCATION PROGRAMS.

<u>E.B.C.E</u>	all year	1606
<u>Experienced Based Career Education</u>		
Grade 11-12		
Credit: 1 per period		

This course is designed to expose staffed students to real life career situations by getting them out in the community in local businesses. Students also meet approximately twice a month in a classroom setting to discuss post high school job and education choices and learn how to write resumes and cover letters. They also discuss situations that have or may come up in the course of this experience or later employment. The students are not paid for their work.

<u>ESL (English as a Second Language)</u>	all year	1061
Grade 9-12		
Credit: 1		

An ESL program is available at the Red Oak Community School District for those identified students. This is a federally funded program designed to help speakers of other languages learn English while attending school. ESL classes are conducted in a separate classroom with appropriately licensed personnel. The ESL teacher meets regularly with classroom teachers to discuss fluency levels and individual needs.

SWCC / Concurrent and Career Academy Courses

COURSE#	COURSE	
5325/MAT 127	College Algebra III & Trig	1 st semester
	College Calculus I	1 st semester
	College Calculus II	2 nd semester
	College Statistics	2 nd semester
	College Composition I	1 st semester
	College Composition II	2 nd semester
	College American National Government	1 st semester
	College Western Civilization: Early Modern to Present	2 nd semester
	Fundamentals of Oral Communications	1 st semester
0091	Health Occupations I	1 st semester
0092	Health Occupations II(CNA)	2 nd semester
0094/HSC 114	College Medical Terminology	2 nd semester
5903/EMS 210	College EMT Basic	2nd semester

College Algebra III & Trigonometry 1 semester 3000
 Grade 11-12 (or identified ELO student)
 Elective
 Credit: 1

Pre-requisite: Algebra I & II, Geometry, and Trigonometry with a grade of C or better. Students must complete eligibility requirements as outlined under “Senior Year Plus Program” on pgs. 11-12. All students must take the ACT and score a 19 or higher or take the COMPASS test in order to enroll in this course.

This course is a modern integrated study of algebra and trigonometry. Topics covered: real number system, functions, graphs, trigonometric functions, exponential functions, logarithmic functions, complex number system, polynomial functions, matrices, and solutions of triangles

College Calculus I 1 semester
 Grade: 11 – 12 (or identified ELO student)
 Elective
 Credit: 1

Pre-requisite: College Algebra III & Trigonometry

This course studies limits and continuity, derivatives of elementary functions, curve sketching, extreme values, rates of change, integration, and applications of integration.

College Calculus II 1 semester
 Grade: 11 – 12 (or identified ELO student)
 Elective
 Credit: 1

Pre-requisite: College Calculus I

This course studies transcendental functions, techniques of integration, infinite series, conic sections, parameterized curves, and polar coordinates

College Statistics
 Grade 11-12 (or identified ELO student)
 Elective
 Credit: 1

Pre-requisite: Algebra I & II and Geometry with a grade of C or better. Students must complete eligibility requirements as outlined under “Senior Year Plus Program” on pgs. 11-12. All students must take the ACT and score a 19 or higher or take the COMPASS test in order to enroll in this course.

Statistics is a non-calculus based course designed to lay a foundation which will enable students to understand statistical thinking and apply basic statistical techniques. The qualitative and quantitative study in statistics will be useful in students pursuing majors in the wide variety of disciplines: psychology, sociology, business, economics, physical science, biological sciences, education, engineering, journalism and career and technical programs.

College English Composition I 1 semester
 Grade 11-12 (or identified ELO student)
 Elective
 Credit: 1

Pre-requisite: Language 9 and Language 10 with a grade of C+ or better. Students must complete eligibility requirements as outlined under “Senior Year Plus Program” on pgs. 11-12. All students must take the ACT and score a 19 or higher or take the COMPASS test in order to enroll in this course.

This is an intensive writing course, designed to develop skills in the use of language, clear thinking, critical reading, and effective writing within essay format. Special emphasis will be placed on development of content, clear organization, sentence and paragraph structure, and correctness in usage, grammar, and mechanics.

College English Composition II

1 semester

Grade 11-12 (or identified ELO student)

Elective

Credit: 1

Prerequisite: College English Composition I

This course is intended to build upon the skills students develop in English Composition I. As such, the course assumes that students have a basic control of paragraphing, mechanics, grammar, and punctuation. The primary focus of the course shifts from the personal writing of Composition I to analytical, persuasive, and research writing. The course emphasizes critical thinking and clear, coherent development of thought. Using their research skills and the ability to organize the results of information gathering, students will be expected to analyze and present the results of their research in clear, organized, persuasive and interesting writing projects.

50

College American National Government

1 semester

Grade 11-12 (or identified ELO student)

Elective

Credit: 1

Prerequisite: Students must complete eligibility requirements as outlined under “Senior Year Plus Program” on pgs. 11-12. All students must take the ACT and score a 19 or higher or take the COMPASS test in order to enroll in this course

The course reviews the structure of the American political system stressing the constitutional framework, the role of Congress, the Presidency, and the Supreme Court. Other topics include voting behavior, interest groups, and political parties.

Fundamentals of Oral Communications

1 semester

Grade 11-12

Elective

Credit: 1

Prerequisite: Students must complete eligibility requirements as outlined under “Senior Year Plus Program” on pgs. 11-12. All students must take the ACT and score a 19 or higher or take the COMPASS test in order to enroll in this course

Career Academy Programs

Health Occupations Program

Health Occupations I

1 semester

1501

Grade 11-12

Elective

Credit: 2

All students must take the ASSET/COMPASS test in order to enroll in this class

This class is designed for students to learn the skills and characteristics expected for professional preparation and employability in various health careers. Provides an overview of the health industry, current trends and issues. Study the work environment as it related to health and safety regulations. The student could be eligible for CPR certification.

Health Occupations II(CNA)

1 semester

1599

Grade 11-12

Elective

Credit: 1

Pre-requisite: Health Occupations I

Upon completion of Health Careers II(CNA), students will be eligible to take certification testing in CNA I. This course meets the training requirement of the OBRA for aides working in nursing facilities and skilled nursing facilities. Students learn basic care giving skills and concepts to provide safe, effective resident care.

There is a fee to take the CNA test that the student will have to pay.

College Medical Terminology

1 semester

0094

Grade 11-12

Elective

Credit: 1

Pre-requisite: Health Occupations I

Designed to help logically understand medical terms. Basic prefixes, suffixes, and root words are emphasized as a method of acquiring and retaining knowledge. Exercises stressing the spelling, pronunciation, and usage of medical terms are included.

51

College EMT Basic

1 semester

3400

Grade 11-12

Elective

Credit: 2

Pre-requisite: Health Occupations I and age 17 and CPR certification. All students must take the COMPASS test to enroll in this class.

This class is designed to instruct a student to the level of EMT Basic including all skills necessary for the individual to provide emergency medical care at a basic life support level with an ambulance service or other specialized service. After successful completion of the program, student will be eligible to take the certification test.

NCAA Initial-Eligibility Clearinghouse

It is best for your son or daughter to register with the clearinghouse after completion of his or her junior year.

You may check the clearinghouse Web site at www.clearinghouse.net to make sure your son or daughter is taking approved courses.

Online registration: The preferred method is to register online. Go online to www.ncaaclearinghouse.net. **Select Prospective Student-Athletes** and click on **Domestic Student Release Form** or **Foreign Student Release Form**. Complete the SRF form online, and include your credit or debit card information to pay the fee. Then follow instructions to complete the transaction. Print both Copy 1 and Copy 2 of the transcript release form, sign them and give both to your high school counselor. You can print out additional copies of the completed form for your records.

We strongly suggest that prospective student-athletes at your school who plan to participate in intercollegiate Athletics at an NCAA Division I or II institution use this online registration, rather than completing the paper form.

If a prospective student-athlete wishes to pay by check or money order, the student must complete the paper form. You may access additional forms by visiting the NCAA Web site at www.ncaa.org. From the home page, pull down the Parent/Prospect page from the Custom Home Pages pull-down menu. From there, click on "Guide for the College-Bound Student-Athlete".

***** NCAA requires that your ACT and/or SAT scores be sent directly to them, use the code 9999 on the test registration form. *****

