



**Round Lake High School
Curriculum Guide
2009-2010**



Round Lake High School

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For information concerning your student, student records or upcoming events - please contact the appropriate individual. Listed below are the names, responsibilities, and extensions for the 2006-2007 Guidance personnel:

- [Mrs. Crowe](#) - Registrar - ext. 5169
- [Mrs. Seedoff](#) - Guidance Secretary - ext. 5105
- [Ms. Freund](#) - Counselor - A through F - ext. 5170
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From the Principal

Welcome to Round Lake High School! This Curriculum Guide has been designed to provide parents and students with information about course offerings at Round Lake High School. This booklet also contains information about basic requirements necessary for acceptance at universities and colleges throughout the State of Illinois.

Please take your time to thoroughly review the information provided. The planning of coursework should be a thoughtful and deliberate process to ensure that each student has the opportunity to reach his or her maximum potential. Please select courses that will prepare you for your future and maximize your opportunities for school and work. If a student or parent has any concerns or questions about course selection during the four years of experience at Round Lake High School, please contact one of our counselors.

Students at Round Lake High School will be expected to work hard and demonstrate the highest standard of behavior. Our staff is committed to making the high school experience the very best it can be and to do that, we need parents to take an active interest in the education of their children. Through this partnership of staff, teachers, and parents, every student will find success at Round Lake High School.

Yours In Education,

Kurt Sinclair
Principal, Round Lake Senior High School

Note:

Equal educational and extracurricular opportunities shall be available for all students without regard to race, color, national origin, sex, religious beliefs, physical and mental handicap or disability, status as homeless, or actual or potential marital or parental status, including pregnancy. Further, the District will not knowingly enter into agreements with any entity or any individual that discriminates against students on the basis of sex or any other protected status, except that the District remains viewpoint neutral when granting access to school facilities under Board Policy 8:20, *Community Use of School Facilities*. Any student may file a discrimination grievance by using the Uniform Grievance Procedure.

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GRADUATION REQUIREMENTS

Students who will graduate in 2010 must complete a minimum of twenty-two (22) credits of high school work in order to graduate from Round Lake High School. Students who will graduate in 2011+ will need twenty-three and a half (23.5) credits. To graduate in four (4) years, a student should strive to earn six (6) credits each year.

Credits for graduation are required in the following courses and subject areas:

Subject	Semesters	Credits
English	8	4
Mathematics	6	3
Science	6	3
Social Studies	6	3
Physical Education*	8	4
Consumer Education or equivalent**	1	1/2
Technical Education – Comp. Keyboarding	1	1/2
Voc. Education, Fine Arts, or Foreign Language	2	1
Electives	6	3-4.5

State Law requires that all students take the PSAE exam their junior year in order to receive a standard diploma.

* Required classes: Health – 1/2 credit, PE 3 credits, and Drivers Ed. or PE, 1/2 credits.

** pass two semesters of Introduction to Business or pass the Consumer Education Proficiency Test

Graduation Requirements By Year

The courses listed below represent a typical selection for a student to meet the graduation requirements in a four-year period.

Freshmen Year

English 1
World History
Science
Mathematics
Physical Education
Electives

Sophomore Year

English 2 (if successfully completed English I)
Health (1 semester)
Physical Education or Driver Education (1 semester each)*
Mathematics
World Geography
Science
Electives/Technology*

Junior Year

English 3
US History
Mathematics
Science
Physical Education
Electives

Senior Year

Physical Education
English Credits
US Government (1 semester)
Consumer Education (1 semester)
Any requirements not previously met
Sufficient credits to meet graduation requirements

***Note:** 1. Driver education can be taken only if qualifications are met.

2. Technology credit may be taken anytime during students' four years of high school.

EARLY GRADUATION

Graduation in less than the required eight semesters is allowed, but not encouraged, especially for the student who is planning to continue his/her education at a college or university.

Students wishing to graduate early must apply in writing no later than the end of October of their senior year. They must pass all the required subjects and earn the required graduation credits. Course verification is necessary and the Principal makes the final decision. Early graduates will not receive diplomas until June following the early graduation date.

ADD/DROP

Students must assume responsibility, with their parents and counselor, for the registration and scheduling process. It is not easy to change schedules once registration is completed.

A two-way commitment is being made when students register for courses in the spring. RLHS makes a commitment to provide the classes for which students register and the students make a commitment to accept classes in which they are enrolled. Students may change **ELECTIVES ONLY** until the last day of the previous school year. After that, elective changes will be made only under the conditions stated below:

Students may request schedule changes within the **first ten (10) school days** of each semester for:

- A) Student course failure which causes a need to retake to meet graduation requirements
- B) Earned credit in summer or alternative school
- C) Error in student's schedule

There is a required two dollar (\$2) fee for all schedule changes

RECOMMENDATION WAIVER

If any parent/guardian chooses to override a teacher/counselor/lead teacher recommendation made for their child, they must obtain and sign a form stating they have chosen not to accept the recommended placement. This must be done before the end of the third week of each semester. After the third week, no student will be able to move classes due to grading and continuity of the curriculum.

There will be **NO** overrides for Honors classes. A student will only be placed in the Honors program through teacher recommendation.

EVENING/CORRESPONDENCE SCHOOL

Students who are deficient in credits/requirements may have the opportunity to earn credits toward graduation through a correspondence school. In order to pursue correspondence courses a student must have prior approval from the counselor. Students may earn credits for graduation through night school at another high school. Round Lake does not offer night classes. **A student may earn up to two (2) elective credits through correspondence classes.** The student is responsible for all costs incurred at night school or correspondence school. Students may start earning correspondence credit during the second semester of the student's third year in high school.

IMPORTANT NUMBERS: WHAT THEY MEAN TO YOU

High School Credits

- What is a credit and how are they figured?
A credit is awarded for finishing a class with a passing grade. Students earn ½ credit for passing semester classes and 1 credit for year-long classes.
- How many credits do I need to graduate?
All students who will graduate in 2010 must have 22 credits to graduate.
All students who will graduate in the year 2011 and up must have 23.5 credits.

Grade Point Average

- What is grade point average?
Grade point average (GPA) is the average of the grades you earned in all of your classes. You can find your GPA on your semester report card. You can, however, calculate your GPA yourself by using the directions below.
- How can I calculate my GPA?

In order to calculate your GPA, you must first know how many grade points you earned in your classes. You will earn more grade points for honors and AP classes than for other classes. The following chart shows how grade points are awarded at Round Lake High School.

Class Type	A	B	C	D	F
Honors/AP	5	4	2.5	1	0
All other classes	4	3	2	1	0

The sample report card below shows grades for various classes.

Class	Grade Earned	Grade Points
English I	A	4
Honors Biology	B	4
Algebra I	B	3
World History Honors	C	2.5

In order to calculate his/her grade point average (GPA), the student would add up the total number of grade points earned (13.5) and divide by the number of classes he/she's taken (4).

$$13.5 \text{ (total grade points)} \div 4 \text{ (number of classes taken)} = 3.37$$

Notice that if the student above had earned an A in his World History Honors class, he/she would now have a GPA of 4.0. Each grade really does make a difference!

- **Why is my GPA important?**

Colleges look at your GPA to determine if they will admit you. Also, if you plan to work right after high school, you will find that some employers will request transcripts so they can see your high school GPA and class rank.

Honor Roll

- **What is the honor roll and who is eligible?**

The high honor roll is for students who have earned a GPA of 4.0 or above. Students who earn a 3.00 to a 3.99 GPA are listed on the honor roll. Both honor rolls are displayed in the RLHS foyer.

Class Rank

- **What is class rank?**

Class rank is the number that tells you where you rank in your graduating class compared to others. For example, if your class is 500 students, and your rank is 50, you are number 50 in a class of 500. This means that you would rank in the top 10% of your class.

- **How is class rank figured?**

Class rank is based on your overall grade point average. In some cases, because honors classes earn more credit, those at the top of the class may have averages higher than 4.0 on 4.0 scale.

- **Why is class rank important?**

Some colleges use class rank to determine who is accepted. For instance, some highly competitive colleges require that students rank in the top 10% of their classes while other colleges accept the top 50%.

ACT (American College Testing) Score

- What is the ACT?
ACT is America's most widely accepted college entrance exam. It assesses high school students' general education development and their ability to complete college-level work.
- When do I take the ACT?
The ACT is administered during the spring of your junior year in high school. You will take it at RLHS. There is no charge for the first time you take the test at RLHS. You can also take the ACT over again if you are not satisfied with your score. In that case, you will need to see your counselor for dates and locations where the test will be administered. You will be charged for all subsequent attempts and you can take the test as many times as you like.
- How do I prepare for the ACT?
There are three ways you can prepare for the ACT:
 1. You can sign up for Super Saturday, an ACT practice test given at RLHS during second semester.
 2. You can sign up to take the ACT Prep class during your sophomore or junior year. The class is offered both semesters.
 3. You can also prepare on your own by purchasing an ACT prep book from a bookstore. Some of these books also have CD-Roms that will allow you to practice the test on your home computer.
- What ACT scores do colleges require?
Required scores can vary widely, depending on colleges, programs in which you plan to enroll, and other factors. The guidelines below are general and you should check with your college for specific score requirements.

Highly Competitive Colleges:
Above 29

State Colleges: 20

COLLEGE CREDIT OPPORTUNITIES

Concurrent enrollment at RLHS and the College of Lake County

Students may earn college credit while in high school. In all cases, students must make prior arrangements with and have approval of the counselor. Counselors must be consulted for enrollment restrictions such as class rank, grade-point average, and age restrictions. A class will be approved only if students meet all prerequisites and the class meets after regular school hours.

Advanced placement classes with the opportunity for college credit

Round Lake Sr. High School offers a number of Advanced Placement classes with the opportunity of attaining college credit. Advanced Placement offers tests near the end of the class for college credit. In most cases, these tests require a fee. Students are not required to take the tests. The classes that are offered are as follows.

A.P. Physics B

Year – 11/12

Credit – 1.00

A.P. English Language and Composition

Year – 11

Credit – 1.00

A.P. English Literature and Composition

Year – 12

Credit – 1.00

A.P. Calculus – Honors

Year – 11/12

Credit – 1.00

A.P. United States History

Year – 11

Credit – 1.00

AP Spanish Language

Year – 12

Credit 1.00

AP Studio Art

Year – 11/12

Credit 1.00

Procedure for students interested in attending The Lake County High Schools Technology Campus

1. Students must currently be Sophomores in GOOD STANDING. Tech campus programs are two years in length. Students who are currently Juniors may not be considered for attendance at the Campus unless they are currently enrolled in the first year of the Tech Campus program.
2. Students must attend a mandatory meeting. This meeting is held in early December. Students should listen for the announcement and sign up in the Guidance Office for the meeting.
3. After the meeting, students are to complete an application for admission. The application is to be returned to the Guidance Office prior to winter break. Students are to indicate a first and second choice for programs. Student and parent signatures are required on the application.
4. During January and early February, counselors may call students in for an interview. Students must have certain prerequisite courses in order to attend the Campus. Attendance and disciplinary records must indicate that the student has regular attendance and has not had major disciplinary problems while in the high school.
5. Students will be notified as to the acceptance /non-acceptance by the end of February. Students who are not selected will be placed on a waiting list in case selected students have a change of plans.
6. Those students who are selected will be scheduled for Tech Campus by the counselors. Students who are attending second session will be at the Tech Campus from 4th through 6th hours and will have 7th hour lunch. Students who attend Cosmetology will leave RLHS during 6th hour and will not return until 4:45pm. These students are responsible for providing their own transportation from the school to home.
7. All Tech Campus students are required to adhere to certain rules. These rules will be sent to the students and their parents prior to the beginning of school year. The rules must be signed by the student and parent and returned to the coordinator in the Guidance Office.
8. If a student decides not to return to the Campus for a second year, the student must notify the Tech Campus Coordinator prior to the end of February of the first year of the program. Students must attend the Campus for the complete year once they have begun attendance. Students who attend Tech Campus will NOT be allowed early graduation from high school.

College Admissions

College admissions requirements constantly change. The minimum high school graduation requires are not enough if a student want to pursue post secondary education options.

Timeline for College Admissions

Junior Year	Senior Year
Fall Begin Researching Colleges/Universities Take PSAT	Fall Complete College Applications College Visitation Take SAT Subject tests if required ACT & SAT (Retake if needed)
Winter Select appropriate 12 th year courses	Winter Complete and mail Financial Aid Forms
Spring Conduct Research College Visitation Take ACT	Spring Make Final Decisions – by May 1 st AP Testing
Summer College Visitation	Summer Prepare for College Attendance

NCAA Core Curriculum Requirements For Perspective College Athletes

The National Collegiate Athletic Association (NCAA) requires high school courses for participation in college athletics. High School students should contact heir athletic director and/or counselor for advice regarding requirements for the NCAA Clearinghouse. (The NCAA Clearinghouse is the transcript evaluation center).

For the purposes of meeting the core curriculum requirement, a “core course” must:

- Be an academic course in one or a combination of the se areas: English, mathematics, natural/physical science, social science, foreign language, nondoctrinal religion or philosophy;
- Be a four- year college preparatory; and
- Be at above RLHS regular academic level

Not all classes taken to meet RLHS graduation requirements may be used as core course.

Requirements and eligibility may change often so for further information visit the NCAA website at www.ncaa.org

COURSE OFFERINGS



BILINGUAL/ESL

Course Title: ESL I**Grade: 9 – 12****Length: Year****Credit: 1*****Prerequisite: Beginning level English Second Language acquisition***

This course is designed for students who are at the beginning level of English language proficiency. The course provides intensive English as a Second Language instruction in the communicative language and introduces elements of academic English. The academic focus includes introduction and development of basic reading and pronunciation, enrichment of everyday vocabulary, introduction of the basic grammar structures, and mastering of simple complete sentences.

Amount of homework requires: One to two hours a week

Course Title: ESL II**Grade: 9 – 12****Length: Year****Credit: 1*****Prerequisite: ESL I, completion of prior course work comparable to level, or possible proficiency assessment***

This course is designed for students who are at the intermediate level of English proficiency. The course is literature based with a focus on the short story, the novel, and poetry. It includes the study of literature terms and types. The course provides intensive instruction in English grammar. Writing units include the study of paragraph function. Models include narration, description, exposition, and persuasion. Students also practice their speaking and listening in English.

Amount of homework required: One to two hours a week.

Course Title: ESL LITERATURE AND COMPOSITION**Grade: 9 – 12****Length: Year****Credit: 1*****Prerequisite: ESL III, completion of prior course work comparable to level, or possible proficiency assessment***

This course is designed for students with a high-intermediate level of English language proficiency. This class is devoted to the development of writing skills and a study of various literature forms. Writing forms include: descriptive, persuasive, expository, and narrative 3-5 paragraph essays. Genres studied include short story, poetry, and non-fiction and fiction novels. Intensive revision of English grammar is provided. Student will also practice their listening and speaking skills.

Amount of homework required: Three to five hours a week.

Course Title: TRANSITIONAL ENGLISH**Grade: 9-12****Length: Year****Credit: 1*****Prerequisite: Passing grade in ESL Literature and Composition or Teacher recommendation***

Transitional English is designed to build on the knowledge gained in ESL courses. Students will write a variety of assignments utilizing proper grammar and mechanics. Learning areas covered are: reading comprehension, literary skills, vocabulary/word attack, process writing, grammar, usage and mechanics, critical thinking, speaking and listening, study skills, drama, fiction, nonfiction, and poetry.

Course Title: BILINGUAL WRITING 1

Grade: 9-12

Length: Year

Credit: 1

***Prerequisite:* Enrollment in ESL 1 or an equivalent proficiency in the English language**

This course is for students who are in ESL 1. Bilingual Writing 1 is designed to introduce the student to basic writing skill in English. The student will learn to write simple sentences and short compositions. The compositions are mostly narrations and descriptions about themes already familiar to the students. There will be emphasis on basic grammar skills, writing clear sentences, spelling, and vocabulary enhancement over a variety of subject matters.

Amount of homework required: One to two hours a week.

Course Title: BILINGUAL WRITING 2

Grade: 9 – 12

Length: Year

Credit: 1

***Prerequisite:* Enrollment in ESL 2 or an equivalent proficiency in the English language**

This course is for students who are in ESL 2. ESL writing 2 is designed to improve the student's writing abilities, primarily in the English language. There will be a strong emphasis on basic grammar skills, writing clear sentences, organization of paragraphs, spelling, basic essay form, and vocabulary enhancement over a variety of subject matters.

Amount of homework required: One to two hours a week.

Course Title: BILINGUAL WRITING 3

Grade: 9 – 12

Length: Year

Credit: 1

***Prerequisite:* Enrollment in ESL 3 or an equivalent proficiency in the English language**

This course is for students who are in ESL 3. Bilingual Writing 3 is designed to improve the student's writing abilities, primarily in the English language. There will be a strong emphasis on basic grammar skills, writing clear sentences, paragraph organization, spelling, basic essay form, and vocabulary enhancement over a variety of subjects. Students will move into writing 5 paragraph essays and writing for academic purposes. The writing projects will include persuasive, narrative and expository essays. They will learn more advanced skills in sentence structure and punctuation.

Materials: Notebook, folder, Native language/English dictionary

Course Title: BILINGUAL WRITING 4

Grade: 9 – 12

Length: Year

Credit: 1

***Prerequisite:* Enrollment in ESL 4 or an equivalent proficiency in the English language**

This course is for students who are in ESL 4. ESL Writing 4 is designed to improve the student's writing abilities, primarily in the English language. There will be emphasis on grammar skills, writing clear sentences, organization of paragraphs, spelling, basic essay form, and vocabulary enhancement over a variety of subjects. Students will primarily be learning the skills they need to know for writing for academic purposes. The writing projects will include persuasive, narrative, and expository essays, as well as research projects. They will review their skills in sentence structure and punctuation.

Amount of homework required: Two to three hours a week.

Course Title: INTRODUCTION TO PHYSICAL SCIENCE

Grade: 9 – 12 Length: Year Credit: 1

***Prerequisite:* English language acquisition**

This course is designed for the average student. Course content includes the study of the following topics: life science, physics, chemistry, and earth science. Classroom activities consist of textbook work, skill-sheet handouts, laboratories, and demonstrations.

Course Title: GENERAL BIOLOGY

Grade: 10 – 12 Length: Year Credit: 1

***Prerequisite:* English language acquisition and General Science**

Students study the fundamentals of biology and apply them to living organisms. Students study and discuss the five kingdoms found on earth. Other subjects include cells, genetics, evolutions, and cellular traffic. Plant taxonomy and dissection is completed second semester.

Course Title: CONSUMER EDUCATION

Grade: 11 – 12 Length: Semester Credit: .5

***Prerequisite:* English language acquisition**

All students are required to take this semester course. This course provides the student an opportunity to become a more aware and effective consumer. Among the consumer topics covered are: goals, budgets, checking accounts, buying food, buying clothes, credit, fraud, autos, housing, savings, investing and government taxation.

Course Title: HEALTH

Grade: 10 Length: Semester Credit: .5

***Prerequisite:* English language proficiency**

This course is an overview of various topics relating to mental, physical and social well-being. Among the topics studied are mental health, drug use and abuse, human sexuality, nutrition, first aid, alcohol and its effects on the family, and the effects of tobacco usage.

Course Title: WORLD HISTORY

Grade: 9 – 12 Length: Year Credit: 1

***Prerequisite:* None**

This course is a survey of both world history and culture. In the first semester, students explore man from prehistoric times through medieval times. This period includes the river valley civilizations, Rome and Greece, and the Crusades. A transition in the second semester introduces students to modern times beginning with the Renaissance and concluding with World War II.

Course Title: WORLD GEOGRAPHY

Grade: 10 – 12 Length: Semester Credit: .5

***Prerequisite:* English language acquisition**

This course provides students with the skills necessary for the understanding of geographic charts, maps, technical vocabulary, and different cultures around the world. These skills prepare students to intelligently and critically confront the

issues that face our world today. Discussions on the environment, urbanization, politics, poverty, and conservation, to name a few, are integral to the class. Quizzes, test, class participation, and homework are the major forms of evaluation.

Course Title: U.S. HISTORY

Grade: 11 – 12

Length: Year

Credit: 1

***Prerequisite:* English language acquisition**

This course analyzes the impact of the colonization of America and the establishment of the American identity-- socially, politically, and economically. The second semester examines the United States as an industrial power, involvement in all major wars, lifestyle changes in the '50s and '60s, as well as the changing role of immigrants in the United States. Overall focus is to view United States history through various perspectives.

Course Title: U.S. GOVERNMENT

Grade: 11 – 12

Length: Semester

Credit: .5

***Prerequisite:* English language proficiency**

The focus of this course is the federal constitution and government and their application in modern times. Course study includes the study of the three branches of government and incorporates current events to discuss controversial topics. Class text and tests are in English and most of the instruction and discussions are in English.

In this course the students will meet the requirements for the IL state constitution test and United States constitution tests in English. This course will be taught mostly in English with bilingual support when needed.

Course Title: BILINGUAL EXTENDED ALGEBRA I

Grade: 9-12

Length: Year

Credit: 2 (1 Math/ 1 Elective)

***Prerequisite:* Standardized Test Scores and Teacher recommendation**

Extended Algebra One is a full year course that meets for two periods of the school day.

This two period course will prepare ELL students with limited or interrupted formal schooling to learn to read, interpret, and understand math concepts and vocabulary while increasing their English language proficiency. Students will complete the same curriculum as the Algebra 1 class, but get the extra support they need to be successful. It introduces basic concepts of Algebra and their application in work problems. Topics covered in this course include: solving equations and related application problems, operations with polynomials, solving inequalities, functions, graphs, and systems of equations. Basic geometry topics are introduced and reinforced throughout the course. A scientific calculator is required.

Course Title: BILINGUAL ALGEBRA 2

Grade: 10 – 12

Length: Year

Credit: 1

***Prerequisite:* Algebra 1, English language acquisition and teacher recommendation**

This course will prepare ELL students with average mathematical ability. Students will learn to read, interpret, and understand math concepts and vocabulary while increasing their English language proficiency. The first

semester reviews and extends the basic concepts, skills and application of elementary algebra. Topics such as systems of equations and graphic quadratics are introduced. The course builds upon geometry topics that were introduced in algebra one. A scientific Calculator is required.

Course Title: SHELTERED GEOMETRY

Grade: 10-12

Length: Year

Credit: 1

Prerequisite: Algebra II and English language proficiency

This course will prepare ELL students with average mathematical ability. Students will learn to read, interpret, and understand math concepts and vocabulary while increasing their English language proficiency. It is designed for the average student, either college bound or vocationally oriented. The course introduces basic concepts of plane Euclidean geometry. Course topics are an extension of the basic geometry that it introduced in Algebra one and two and include deductive and inductive reasoning, and proof techniques. In addition, coordinate geometry and solid geometry are presented. There are fewer numerical computations in this course than in Algebra; the emphasis is on problem solving. A scientific calculator is required.



BUSINESS EDUCATION

Course Title: GENERAL BUSINESS

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

This one-semester course is recommended for 9th or 10th grade students as the first class in the business sequence and covers basic business concepts used in today's world. Topics covered include: economic systems; business functions; types of businesses; world trade; legal environment of business; business/union relations; government taxing and spending; managing human resources; production resources; finances and corporate culture; management structure and leadership; technology's impact on business; marketing and advertising.

Course Title: BUSINESS MATH I

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

A semester class designed for students who wish to acquire competency in mathematics for entry-level business positions as well as personal use. The first quarter is devoted to a thorough review of fundamental arithmetic operations and introduces the business applications of gross and net income. The second quarter concentrates on cash and charge purchases, loans, and interest computation.

Course Title: BUSINESS MATH II

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: 'C' average or higher in Business Math I or instructor's consent

A semester course designed for students who wish to develop additional mathematics skills applicable to the business world. The topics covered are sales, insurance and investments, production, marketing, accounting, and finance. This course is suggested for students planning to enroll in accounting or considering a career in accounting or business finance.

Course Title: ACCOUNTING

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: Bookkeeping recommended but not required

Students learn and apply the steps involved in keeping financial records for a business. Chapter problems and application activities are completed throughout the year. Working papers needed for the course are provided. However, the student should plan to obtain a calculator for classroom use. Good reading and reasoning skills are necessary.

Course Title: CONSUMER ED

Grade: 11-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

All students are required to take this semester course. It is designed to make the student a more aware and effective consumer. Some of the units covered deal with the following: goals, budgets, checking accounts, buying food and clothes, credit, fraud, autos, housing, saving and investing, and government taxation.

Course Title: COOPERATIVE WORK TRAINING (CWT)

Grade: 11-12 Length: Semester Credit: .50 Fee: None

Prerequisite: At least 16 years of age; transportation to and from work; application process completed; instructor's approval, and a job prior to the end of the third week of classes.

Satisfies Consumer Education Requirement

Cooperative Work Training is a work experience program in which the students receive instruction about the world of work, its opportunities and responsibilities. The course combines learning experience gained through regularly scheduled supervised employment in the community and related classroom instruction. The class provides and opportunity to work, receive income, prepare for their first full-time job and/or make career decisions for post high school education, and receive credit for Consumer Education needed to graduate, along with credit toward graduation for their work. To become productive, responsible workers, students will receive instruction to develop work skills, abilities and attitudes. .50 per semester for work experience phase if minimum hours are worked (15 hours min. per week)

Course Title: COMPUTER KEYBOARDING

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None *Requirement for those graduating 2011 and up

A one-semester class designed to teach students "touch" mastery of the keyboard. Using Microsoft Word, students will develop their speed and accuracy, learn basic word processing functions, and format documents such as memos, letters, and reports. Since this is a lab-oriented course and the majority of assignments are completed in class, attendance is extremely important.

Amount of homework required: Occasional written assignments.

Course Title: WORD PROCESSING

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Computer Keyboarding

A semester class designed to further enhance the student's word processing skills. Advanced Microsoft Word concepts and applications are presented and speed and accuracy development is emphasized throughout the semester. Since this is a lab-oriented course and the majority of the assignments are completed in class, attendance is extremely important.

Amount of homework required: One hour per week.

Course Title: ADVANCED WORD PROCESSING

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Word Processing

A one-semester class designed to present more complex word processing concepts application to include tables, columns, styles, templates, graphics, and mail merge. The improvement of keyboarding speed and accuracy is also an essential component of the course throughout the semester.

Amount of homework required: One hour per week.

NOTE: Completion of **both** Computer Keyboarding and Word Processing with a grade of A or B and **Sophomore**, Junior or Senior classification at the conclusion of Word Processing earns the student four (4) college credits at the College of Lake County.

Course Title: EXCEL

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Pre-Algebra/Business Math 1 and Computer Keyboarding

Spreadsheets are electronic applications used to store numeric data and perform calculations. In this semester course students will learn the basic skills of creating and developing a worksheet, changing the appearance of the worksheet, entering formulas and functions, and creating charts. Since this is a lab-oriented course and the majority of assignments are completed in class, attendance is extremely important.

Course Title: PUBLISHER AND POWER POINT

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Computer Keyboarding

A semester class in the fundamentals of desktop publishing and presentation design using Microsoft Publisher and Power Point. Students will learn to create publications/presentations suitable for course work, professional purposes, and personal use. Since this is a lab-oriented course and the majority of assignments are completed in class, attendance is extremely important.



Course Title: DRIVERS' EDUCATION

Grade: 10-12

Length: Semester

Credit: .25 Class and .25 Behind the wheel

Fee: \$50.00 & \$250.00

Prerequisite: - A minimum of 4.0 credits earned during two semesters prior to taking Driver Education - No more than 30 unexcused class absences during the two semesters prior to taking Driver Education- Not been suspended from school or from riding the bus more than once during the year prior to taking Driver Education- All fees must be paid prior to beginning Driver Education Driver Education at Round Lake is a two-part program. The phases consist of classroom and behind-the-wheel instruction. Classroom instruction focuses on the basic rules of the road and strives to develop the proper knowledge and understanding of how people analyze and handle various types of driving situations. The behind-the-wheel phase is the actual in-car instruction. Here students are allowed to drive and be in actual physical control of an automobile.

Course Title: PHYSICAL EDUCATION CORE

Grade: 9-12

Length: Semester

Credit: .50

Fee: Field Trip fees assessed per activity choice.

Prerequisite: None

The physical education curriculum emphasizes the development of each individual's physical fitness and skill level to provide the background necessary for recreational needs and interests throughout life. Skills include rules, physiology, and game strategies. Students choose three activities in a nine (9) week period. Activities are divided into individual, team, and life fitness categories.

Course Title: PHYSICAL EDUCATION

Grade: 11-12

Length: Semester

Credit: .50

Fee: Field Trip fees assessed per activity choice.

Prerequisite: Junior status

The physical education curriculum centers more on setting goals for individual fitness needs. Students may choose to participate in competitive and non-competitive arenas. Students use the skills learned in Core to enhance personal enjoyment and to make adult decisions on maintaining personal life-long health. There are also options to allow students to set strenuous physical fitness goals if they are involved in highly competitive arenas.

Course Title: INTEGRATED PHYSICAL EDUCATION

Grade: 9-12

Length: Semester

Credit: .50

Fee: None

Prerequisite: Teacher approval and/or written application

This class is designed to assist students, who through their IEP, have been identified to have special needs. If the student has the physical skills to succeed in regular Physical Education, he or she is not eligible for this class unless he or she has been selected to be a peer partner. Peer partners will assist the special needs students to successfully participate in the activities offered in the class. Basic Physical Education units will be taught, but adaptations will be made to accommodate the diverse needs of the students.

Course Title: SENIOR PE LEADER

Grade: 11 Length: Semester Credit: .50 Fee: None

Prerequisite: Two years of Physical Education credit, teacher recommendation, and application

This course is a training course taken during a student's junior year, which upon successful completion will allow him or her to take a leadership position in a PE class their senior year. It is designed for students who may be interested in pursuing a career in education or a physical education related field. Students will be taught leadership and instructional techniques, along with intensive work in game rules, officiating, group work and safety. Students will be trained in first aid and CPR certification.

Course Title: WEIGHT TRAINING AND CONDITIONING

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Teacher Recommendation

This challenging course stresses individualized work-outs that allows students to progress at their own pace. All components of fitness (cardio-vascular, strength, flexibility and body composition) are included in the workouts. Students are evaluated on the improvement in their fitness levels.

Course Title: HEALTH 1

Grade: 10 Length: Semester Credit: .50 Fee: None

Prerequisite: None

This course is an overview of various topics relating to mental, physical, and social well-being. Among the topics studied are mental health, drug use and abuse, human sexuality, nutrition, first aid, alcohol and the family, and tobacco.

Course Title: HEALTH 2

Grade: 11-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Health 1 and instructor's consent

Health 2 is designed for the student interested in expanding knowledge and understanding of health and weakness. Among the topics explored are coping with loss, addiction, abuse, cardiovascular health, cancer and prevention, and human sexuality.

9th GRADE**Course Title: ENGLISH 1****Grade: 9 Length: Full Year Credit: 1 Fee: None****Prerequisite: None**

English 1 introduces students to reading and writing skills needed for high school by focusing on the theme of challenges and choices. Students will establish their four-year writing portfolios by summarizing, paraphrasing, analyzing, and interpreting the elements and mechanics of short stories, nonfiction selections, poetry, drama, and the novel.

Course Title: ENGLISH 1 HONORS**Grade: 9 Length: Full Year Credit: 1 Fee: None****Prerequisite: Lead Teacher or Guidance Counselor recommendation.**

English 1 Honors is recommended for the college-bound student whose abilities and interests warrant an especially rigorous course of study. Studies focus on the core elements of literature using a variety of genres and forms, as well building the foundations needed for college-level academic writing. Successful students are encouraged to register for *English 2 Honors* the following year.

10th GRADE**Course Title: ENGLISH 2****Grade: 10 Length: Full Year Credit: 1 Fee: None****Prerequisite: Successful completion of English 1 or English 1 Honors**

By studying universal cultures and archetypes, English 2 students add to their four-year portfolios by writing literary analyses and argumentative essays based upon a variety of literary genres and forms, as well as one research-based assignment. Literary genres are expanded to include myths and legends, personal essays, tragic drama, poetry, and the novel.

Course Title: ENGLISH 2 HONORS**Grade: 10 Length: Full Year Credit: 1 Fee: None****Prerequisite: Lead Teacher or Guidance Counselor recommendation.**

Designed for college-bound students whose skills and abilities warrant working at a rigorous pace, English 2 Honors focuses on advancing critical thinking skills through intense study of a variety of literary archetypes. Essays focus upon critical literary analyses and creating arguments about literary themes, culminating in a major research essay during the 2nd semester. Successful students are encouraged to register for *AP Language & Composition* for the following year.

11th GRADE**Course Title: ENGLISH 3****Grade: 11 Length: Year Credit: 1 Fee: None****Prerequisite: Successful completion of English 2 or English 2 Honors**

English 3 is a junior-year course that focuses on the theme of what it means to be American. A variety of literary forms are studied, and the four-year portfolio is expanded with essays that focus on analysis and arguments about literature, as well as research-based writing.

Course Title: AP ENGLISH LANGUAGE & COMPOSITION (Honors Credit)

Grade: 11 Length: Year Credit: 1 Fee: None

Prerequisite: Successful completion of English 2 or English 2 Honors

Recommended for any student willing to work towards college level instruction, AP English Language & Composition is a full year course designed to instruct students in the art of identifying, analyzing, and utilizing the power of rhetorical form to write in several modes. To this end, the course will focus on selections that are designed to give students opportunities to identify and explain an author's use of rhetorical strategies and techniques, as well as how various effects are achieved by the writer's linguistic and rhetorical choices. Students will take the AP exam for possible college credit or advanced college placement during the second semester. Successful students are encouraged to apply for *AP English Literature & Composition* the following year.

12th GRADE

NOTE: To fulfill the 12th grade English requirement, students must choose between one literature elective *and* one writing elective, a full year of English 4, or a full year of AP Literature & Composition.

Course Title: ENGLISH 4

Grade: 12 Length: Year Credit: 1 Fee: None

Prerequisite: Successful completion of English 3 or AP Language & Composition

Designed to give students insight in how to use literary studies and writing skills past high school, students in English 4 will examine the growth and progress of the previous English courses. Literary themes will focus on understanding cultures around the world through representative literature, as well as applying analysis, argumentative, and research skills to real-world scenarios. Successful students will complete the course with a resume, cover letters, mass-media reviews, and other projects used in a post-high school environment.

Course Title: AP ENGLISH LITERATURE & COMPOSITION (Honors Credit)

Grade: 12 Length: Year Credit: 1 Fee: None

Prerequisite: Successful completion of English 3 or AP Language & Composition.

Recommended for any student willing to work at the college level, AP English Literature & Composition requires a student to engage in a careful and analytical reading of various types of literature. From this evaluative reading, students heighten their understanding of literature. Using critical standards, students study individual works in order to understand the manipulation of language.

Historical and analytical aspects are studied and applied to further enhance the reading experience. Students will take the AP exam for possible college credit or advanced placement during the second semester.

12th GRADE – LITERATURE ELECTIVES

Course Title: MYTHOLOGY AND FANTASY

Grade: 12 Length: 1 semester Credit: .5 Fee: None

Prerequisite: Successful completion of English 3 and teacher recommendation

This course covers Greek and Roman myths as well as myths and legends from various world cultures, including: Asian, African, and Native American. In addition, Arthurian legends and recent fantasy works such as The Hobbit are studied.

Course Title: POETRY

Grade: 12 Length: 1 Semester Credit: .5 Fee: None

Prerequisite: Successful completion of English 3 and teacher recommendation

This course will cover various types of poetry, focusing on interpretation through a variety of poetic techniques. In addition, students will, on occasion, write their own poetry, mimicking types and styles covered in class.

Course Title: SCIENCE FICTION

Grade: 12 Length: 1 Semester Credit .5 Fee: None

Prerequisite: Successful completion of English 3 and teacher recommendation

This course is designed for students of all ability levels who like to read and enjoy literature of the science fiction and fantasy genre. The course will examine common themes of science fiction literature such as human development, robotics, future education, and artificial intelligence. In addition to short stories and novels, science-fiction films will also be studied as works of literature. Some authors whose works may be covered are: H.G. Wells, Jules Verne, Ray Bradbury, Arthur C. Clarke, Orson Scott Card, Larry Niven, Roger Zelazny, Robert Heinlein and Isaac Asimov.

Course Title: CRITICAL ANALYSIS OF FILM

Grade: 12 Length: 1 Semester Credit .5 Fee: None

Prerequisite: Successful completion of English 3 and teacher recommendation

This one semester course is designed for serious students of film who wish to increase their appreciation of films as art and learn the art of writing about film technique and literary content. Students view selected film classics whose sequence is related to concepts learned in class, which cover photography, lighting, realism, expressionism, mise-en-scene, movement, editing, sound, acting and directing. The films range from documentary to avant-garde in style. The course requires film criticism, movie reviews, journal response, projects such as storyboards and careful reading of the text. At least three major written analyses of films will be completed throughout the semester.

12th GRADE – WRITING ELECTIVES

Course Title: COLLEGE COMPOSITION**Grade: 12 Length: 1 semester Credit: .5 Fee: None****Prerequisite: Successful completion of English 3 and teacher recommendation**

This course prepares students for the types of writing required in college courses. Weekly essays provide students with experience in narrating, describing, comparing and contrasting, dividing and classifying, defining, persuading, interpreting literature, and writing cause and effect papers. Completing an assignment within a given time period, as required on college essay exams, is also practiced. Successful students will have completed several college-level writing assignments over the course of the semester.

Course Title: CREATIVE WRITING**Grade: 12 Length: 1 semester Credit: .5 Fee: None****Prerequisite: Successful completion of English 3 and teacher recommendation**

Designed for students with a variety of academic abilities and writing skills. Creative writing is a one-semester course that focuses on the study and production of a variety of types of poetry, short stories, and drama. Students will have the opportunity to experiment with these genres for communicative, creative, and personal purposes after first studying appropriate models. Incorporated into the curriculum are numerous exercises that will provide students with writing skills to aid their fluency in and style of writing.

Course Title: SPEECH**Grade: 12 Length: 1 Semester Credit .5 Fee: None****Prerequisite: Successful completion of English 3 and teacher recommendation**

The goal of this class is to help students become confident in their abilities to communicate. Students will participate in individual speeches, group presentations, impromptu speaking, and sometimes, acting. Successful students will learn speaking, listening, researching, critiquing, evaluating and outlining skills needed when presenting information in a public forum.

ADDITIONAL ELECTIVES

NOTE: The courses listed below count as general electives, but *do not* fulfill the English requirement for graduation.

Course Title: ACT/PSAE PREPARATION**Grade: 10-11 Length: Semester Credit: .1 Fee: None****Prerequisite: Successful completion of English 1 or English 1 Honors.**

ACT/PSAE Prep is a semester-long class offered to college-bound sophomores and juniors. This class focuses on helping students with the format and content of the English, Reading, and Writing portions of the ACT/PSAE test required for

all juniors, as well as giving practice for the Math, Science Reasoning, and WorkKeys portions of the test. Students will take multiple practice tests and will monitor their progress and improvement throughout the semester.

Course Title: CORE WRITING 1

Grade: 10-12 Length: 1 Semester Credit .50 Fee: None

Prerequisite: None

This one-semester elective course is designed to help students improve their writing skills across all core subjects, as well as on the PSAE/ACT tests. Topics include the details of the writing process, as well as aspects of peer revision, proofreading, and formatting for a variety of courses and situations. Students are encouraged to bring writing assignments from other courses to work on in a peer review environment. Any student with a willingness to improve their writing is encouraged to register.

Course Title: LITERACY 1

Grade: 9 Length: Full Year Credit: 1 Fee: None

Prerequisite: Lead Teacher or Guidance Counselor recommendation

This course gives the challenged reader strategies to develop and improve reading and English skills. Instruction stresses pre-reading skills, decoding methods, reading for main ideas, understanding words in context, and vocabulary building. Other areas covered include note taking, study skills, test-taking strategies, and organizational skills. Students' progress is monitored throughout the course, and individual exit strategies are discussed with each student.

Course Title: LITERACY 2

Grade: 9/10 Length: Full Year Credit: 1 Fee: None

Prerequisite: Literacy 1, Lead Teacher, or Guidance Counselor recommendation

This course continues the work of Literacy I, giving the challenged reader strategies to develop and improve reading and English skills at grade level. Students' progress is monitored throughout the course, and individual exit strategies are discussed with each student. Successful students are encouraged to continue their literacy preparation by taking either *ACT/PSAE Preparation* or *Core Writing 1* as juniors

Course Title: YEARBOOK PRODUCTION

Grade: 9-12 Length: Year Credit: 1 Fee: None

Prerequisite: This course is offered through teacher and guidance recommendation only. *Limited enrollment.* Seniors who are graduating early may not apply.

Yearbook Production is a full-year course that involves the design, creation, and publication of *The Laker* yearbook for Round Lake High School. Students will participate in copy writing, layout design, and photography. Grades are based upon students' involvement in the yearbook process, as well as their ability to handle various situations that arise on a case-by-case basis. Knowledge of computers and digital cameras is helpful, but not necessary. **This course is not offered on a semester basis. Students must enroll for the full year.**



FAMILY AND CONSUMER SCIENCES

Course Title: CHILD DEVELOPMENT

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

For both males and females who plan on working with children as a caregiver, teacher, baby-sitter, doctor, psychologist, counselor, future parent or just like kids. Topics include the four types of development of infants, toddlers, and preschoolers, the growth of a fetus, teen pregnancy, health and safety of children, discipline, caring for children, and occupations related to children. Students will create children's art projects, sing kids' songs, and create a preschool learning center. The baby simulators are used in this course.

Course Title: CONTEMPORARY LIVING

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

Learn the basic skills to live on your own. Topics include food preparations, buying groceries, nutrition, doing laundry, mending clothes, basic sewing skills, interior design, childcare, home maintenance, relationships, and budgeting. Class assignments are practical in nature and applicable to everyday living. This class is for anyone who wants to be prepared for the future. You will be introduced to all Family Consumer Science areas and get a glimpse of different career possibilities.

Course Title: PARENTING

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

For both males and females who want to learn about the roles of parents and families. Topics include communication, roles, responsibilities, and rewards of children, training styles, discipline, family functions, teen pregnancy, labor and delivery, preparation before and after birth. Students will discuss issues and create informational pamphlets and posters, as well as exploring more deeply a topic of their choice. For those who may want to be a counselor, psychologist, future parent, or are just interested in understanding their families and parents. The baby simulators are used in this course.



Course Title: RENAISSANCE TO RAP (GENERAL MUSIC OFFERING)

Grade: 9-12 Length: 1 semester Credit: .50 Fees: None

Prerequisite: None

A non-performance based music course open to all students. This is a survey style course exploring a diverse range of musical styles from several cultures. Discussion will include the history of western music to present day and the impact music has had on society. Any student who wants to learn more about music and its background would benefit from this course.

Course Title: CONCERT/MARCHING BAND

**Grade: 9-12 Length: Year Credit: 1 Fees:
Registration Fee required by district (\$50), Supply Fee (\$25) required by
instructor, Instrument Rental (\$50 – if needed), Uniform accessories and
instrument supplies as needed.**

Prerequisite: Minimum of one year of instruction on a wind instrument

Enrollment in this ensemble is based on the approval of the director. Focus is on musical literature written for traditional wind band and the fundamentals of musicianship including tone production, intonation, rhythmic independence, sight reading, fundamentals of music theory, and listening skills. During the fall, students enrolled in this ensemble will also participate in Marching Band. Marching Band is a co-curricular activity and is included in the course grade. The Marching Band performs at home football games, school events, and marching competitions. This group has a busy rehearsal and performance schedule including a summer camp and after school and weekend commitments in which students are required to attend. Beginning in the late fall, the Concert Band performs at concerts, festivals, and solo and ensemble contest. Because of the performance nature of this course, students are required to attend practices and performances outside of the school day. The band will also travel to clinics and perform at the local middle and elementary schools.

Course Title: PERCUSSION ENSEMBLE

**Grade: 9-12 Length: Year Credit: 1 Fees:
Registration Fee required by district (\$50), Supply Fee (\$25) required by
instructor, Instrument Rental (\$50 – if needed), Uniform accessories and
instrument supplies as needed.**

Prerequisite: Approval of Director

Composed of percussion instruments. Focus is on musical literature written specifically for percussion instruments and the fundamentals of playing technique including the study of snare drum, timpani, keyboards, and auxiliary percussion. During the fall, students enrolled in this ensemble will also participate in Marching Band. Marching Band is a co-curricular activity and is included in the course grade. The Marching Band performs at home football games, parades, and school events. This group has a busy rehearsal and performance schedule including a summer camp and after school and weekend commitments in which students are required to attend. After Marching Band, this ensemble becomes an independent “drum line” focusing on indoor concert performance. Because of the performance nature of this course, students are required to attend practices

and performances outside the school day. The drum line performs at concerts, clinics, festivals, and some home basketball games.

Course Title: BEGINNING BAND

Grade: 9-12 Length: Year Credit: 1 Fees:
Supply Fee (\$15) required by instructor, Instrument Rental (\$50 – if needed)

Prerequisite: None

Enrollment is open to all students who want to learn how to play a wind instrument. Students will learn how to read music, basic history of music, music theory, the physical elements of playing an instrument, and how to play in an ensemble. Beginning Band performs at the spring and end of year concerts. Students who complete Beginning Band successfully will be invited to join Concert Band the following year.

Course Title: TREBLE CHOIR

Grade: 9-12 Length: Year Credit: 1 Fee: \$25.00

Prerequisite: None

This choral ensemble is a non-auditioned group for beginning female singers. Music from a wide variety of styles and periods is studied, as well as a variety of foreign languages explored and performed. Fundamentals of singing and musicianship are taught, including tone production, part-singing, sight-reading, intonation, diction, and music theory. All of these skills are incorporated in performances that include school and community concerts, festivals, and solo and ensemble contests. Credit applies toward graduation.

Course Title: CONCERT CHOIR

Grade: 9-12 Length: Year Credit: 1 Fee: \$25.00

Prerequisite: Treble Choir or Bass Choir (when it becomes available)

This choral ensemble is a non-auditioned group, made up of both girls and boys. Music from a wide variety of styles and periods is studied, as well as a variety of foreign languages explored and performed. Fundamentals of singing and musicianship are taught, including tone production, part-singing, sight-reading, intonation, diction, and music theory. All of these skills are incorporated in performances that include school and community concerts, festivals, and solo and ensemble contests. Teacher consent is required to maintain a proper balance between boys' and girls' sections. Credit applies toward graduation.

Course Title: WOMEN'S ENSEMBLE

Grade: 9-12 Length: Year Credit: 1 Fee: \$25.00

Prerequisite: Audition only

This small (16-24), select choir of female singers sings traditionally and classically based choral literature of varied styles, time periods, and languages. Members are chosen on the basis of overall musicianship, sight-reading, ability, and attitude. Students spend the majority of their time preparing for school and community **concerts**, festivals, choral competitions, and solo and ensemble contests. Small tours may also be arranged for this ensemble. Students also learn in-depth music theory and sight-reading skills to enhance their level of musicianship, knowledge, and technique. Credit applies toward graduation.

Course Title: PANTHER VOICES

Grade: 9-12

Length: Year

Credit: 1

Fee: \$25.00

Prerequisite: Audition only

This small (16-24), select choir of male and female singers is the premiere ensemble at RLHS. Members are chosen carefully on the basis of overall musicianship, sight-reading, ability, and attitude. This ensemble sings traditionally and classically based choral literature of varied styles, time periods, and languages. Time is spent in preparation for school and community concerts, festivals, choral competitions, and solo and ensemble contests. Small tours may also be arranged for this ensemble. Students also learn in-depth music theory and sight-singing skills to enhance their level of musicianship, knowledge, and technique. Credit applies toward graduation.

NOTE: Students may NOT take more than two vocal music classes during any semester.



Course Title: ART FUNDAMENTALS I

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

Art fundamentals will cover the art basics. We will learn about the principles and elements of art (line, shape, texture, space, form, color, rhythm, balance, unity, contrast, emphasis, movement and pattern) while exploring art techniques like drawing, painting, sculpting, ceramics and printmaking. This course teaches about contemporary art as well as art history, careers in art and art criticism. After completing this course you will have a decent foundation for art, then you can decide whether you want to take another art course or just use your knowledge for everyday living.

Course Title: ART FUNDAMENTALS II

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Art Fundamentals I

Art Fundamentals II will continue with the art basics; Learning about the principles and elements of art and using them more in depth with techniques that we learned in Art Fundamentals I. This course offers a deeper use of techniques like drawing, painting, printmaking, sculpting and ceramics. We will explore more deeply the different styles of art and art periods. Students will learn to critique their own art as well as professional art and learn about career possibilities. After successfully completing this course you will have a strong foundation for art that you will be able to apply to future advanced art courses and other life experiences.

Course Title: CERAMICS I

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

This course will introduce students to clay properties, proper firing temperatures, different firing techniques, glazing and methods for building with clay. We will learn about different periods in history that were strongly influenced by ceramics and pottery. Students will explore the century old controversy of art versus craft and the differences between the two. Students will learn about contemporary and historic styles of ceramics and how ceramics has evolved over time. After successfully completing this course, students will have the knowledge to build with clay, fire clay, glaze properly and use problem-solving steps that they have learned while building with clay throughout the semester.

Course Title: CERAMICS II

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Ceramics I

This course will offer a more advanced look at clay properties, firing and glazing techniques. Students will learn traditional and nontraditional surface decoration while techniques. Students will using slab and coil building techniques that were learned in Ceramics I. Students will also learn wheel-throwing techniques for pottery and sculpture creating. Students will take a look into the history of teapots from various cultures all over the world and continue to explore the art versus craft controversy. After successfully completing this course students will take the

knowledge they have gained and can continue with ceramics, sculpture or apply the problem solving techniques that they have learned to real life situations.

Course Title: ART AND TECHNOLOGY

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Art Fundamentals I and Art Fundamentals II

This course is designed to introduce students to digital art through the use of digital and video media. Classroom activities will explore concepts of art in inventive ways and build skills in Web design, animation, digital video and photography practice. Students will expand and apply their knowledge of the elements and principles of art and color theory in project based assignments using a variety of digital media. Students will learn and produce creative works employing research, sharing multiple interpretations, and will be introduced to different careers in digital art that exist

Course Title: DRAWING I

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Art Fundamentals I & II

This curriculum includes teaching the elements of art (line, shape, color, texture, space, and form), and the principles of design. Students are exposed to the work of important artists from past to present. Students demonstrate mastery of drawing using a variety of art media and techniques, subject matters, and media, including pencil, ink, charcoal, pastels, markers, crayons, and mixed media. This course is designed for those students who want to improve their basic drawing skills and learn new ones, as well as improve their ability to think creatively.

Course Title: DRAWING II

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Art Fundamentals I, Art Fundamentals II, and Drawing I

This course provides art students an opportunity to explore advanced drawing techniques. The curriculum encourages the development of students' personal style, and continued development of their portfolio. Students are encouraged to work in their own area of interest, develop thematic artwork, and pursue in-depth exploration of a variety of drawing media.

Course Title: PAINTING I

Grade: 10-12 Length: Semester Credit: .50 Fee:

None Prerequisite: Art Fundamentals I, Art Fundamentals II, and Drawing I

Students use a variety of painting mediums and techniques to express their ideas following the study of major art movements and artists throughout history. Students build upon prior knowledge of art elements and design principles. Painting techniques and materials include watercolors, oil pastel, tempera painting, and acrylic painting. Students will continue to build their portfolios as a result of this course.

Course Title: SCULPTURE

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Art Fundamentals I and Art Fundamentals II

Students will work with a wide variety of mediums to create three-dimensional forms. Elements and principles of design will be emphasized, along with art history and multi-cultural art education.

Course Title: ADVANCED DRAWING AND PAINTING

Grade: 11-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Art Fundamentals I, Art Fundamentals II, Drawing I, and Painting I

This advanced course is designed for those students interested in learning advanced drawing and painting techniques, and portfolio preparation. Watercolor, acrylic, and oil painting techniques are included in the curriculum. Students are encouraged to work independently within a thematic framework, exploring various media and advanced techniques.

Course Title: AP STUDIO ART

Grades: 11-12 Length: Full year Credit: .05 Fee: None

The students will have summer work that they must complete.

Prerequisite: Must be Teacher approved

Advanced Placement Studio Art will be a college accredited course where students will create a portfolio during the course of the year that will be sent in to the AP Art board for evaluation. Students that receive a 3, 4 or 5 on the completion and evaluation of their portfolios will receive college credit for one course. Students will work on a portfolio that contains one of three possible portfolios: drawing, 2-D design and 3-D design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns and methods. Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the Concentration (II) section. In the Breadth (III) section the student is asked to demonstrate a serious grounding in visual principles and material techniques. The Quality (I) section permits the student to select the works that best exhibit a synthesis of form, technique and content.

Course Title: ADVANCED CERAMICS

Grades:10-12 Length: Semester Credit: .05 Fee: None

Prerequisite: Ceramics I and II

Advanced Ceramics will offer students a more advanced look into clay properties, firing, and glazing techniques. Students will further investigate several traditional and nontraditional hand-building techniques including slab and coil, but will also learn wheel-throwing techniques for pottery and sculpture creation. Students will also learn to use an extruder and pug mill to create sculptures and recycle clay. Students will explore the history of functional ceramics from various cultures and continue the controversial debate of art versus craft. After successful completion of this course, students may apply the knowledge and problem solving techniques they have gained to sculpture, collegiate level ceramics, or real life situations. This course will also prepare them for the portfolio based AP Studio Art: 3-D Design.

Course Title: DRAMA I

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

Drama 1 is a semester long course where students will gain knowledge and appreciation of themselves as individuals and performers. This course has been developed to introduce them to the art of theater and to show the many varying aspects of it. This semester students will be exposed to wide range of theatrical elements such as acting, play analysis, technical theatre, theatre history and improvisation.

Course Title: DRAMA II

Grade: 9-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Drama 1

Drama 2 is a semester long course that would take the information learned in Drama 1 and build on that knowledge. Drama 2 covers more and goes into more depth with play analysis, acting, technical theatre and directing. Ideally, this class would be taken the spring semester, after students have finished Drama



Course Title: FRENCH I

Grade: 9-12

Length: Year

Credit: 1

Prerequisite: 'C' average or higher in English

This course is an introduction to the basic skills of reading, writing, speaking and listening. The course offers students a substantial vocabulary and sufficient grammar skills to ask for information and to carry on a basic conversation. The French culture is presented through videos, discussions, and the text.

Course Title: FRENCH II

Grade: 10-12

Length: Year

Credit: 1

Prerequisite: 'C' average or higher in French I

Upon completion of this course, students should have a good background in the French language as well as the culture. The course includes the study of grammar, conversation, and the reading of short articles and cultural materials. An emphasis on grammar, conversation, and vocabulary for everyday communication is stressed.

Course Title: FRENCH III HONORS

Grade: 11-12

Length: Year

Credit: 1

Prerequisite: 'B' average or higher in French II

This course emphasizes a more advanced study of grammar. Writing and speaking skills are stressed to enhance the student's conversational ability. The student is introduced to more advanced literature. The student is expected to read and discuss short stories and cultural articles as well as an elementary novel.

Course Title: FRENCH IV HONORS

Grade: 12

Length: Year

Credit: 1

Prerequisite: 'B' average or higher in French III Honors

This course is designed to provide the student with an in-depth study of French culture, history and literature. A brief review of grammar is included. Writing and speaking skills and vocabulary development are stressed as well as the study of more advanced grammar.

Course Title: SPANISH I

Grade: 9-12

Length: Year

Credit: 1

Prerequisite: 'C' average or higher in English

Spanish I is intended for students interested in the people, language, and culture of Latin countries. Students learn a foreign language through the development of four basic skills: listening, reading, speaking, and writing. At the end of a semester's time, each student should show development in these four areas. Students are evaluated through their written and oral work.

Course Title: SPANISH II

Grade: 9-12

Length: Year

Credit: 1

Prerequisite: 'C' average or higher in Spanish I

In Spanish II, the four basic skills of reading, writing, speaking, and listening are reinforced. There is a continuation of the study of grammar that is applicable to

all four areas. Short stories are read and discussed; oral presentations focus on conversational situations. Spanish culture is explored through dialogues, short stories, and paragraphs. Vocabulary development is stressed.

Course Title: SPANISH III

Grade: 10-12 **Length: Year** **Credit: 1**

Prerequisite: 'C' average or higher in Spanish II or teacher approval

Students will be immersed in the Spanish language. They will practice speaking and listening to directions in Spanish daily. They will also study in depth grammar, customs, culture, literature and history of the Spanish-speaking world. Requirements: maintain a C or higher in the class.

Course Title: SPANISH III HONORS

Grade: 10-12 **Length: Year** **Credit: 1**

Prerequisite: 'B' average or higher in Spanish II and teacher approval

Students will be immersed in the Spanish language. They will practice speaking and listening to directions in Spanish daily. They will also study in depth grammar, customs, culture, literature and history of the Spanish-speaking world. Requirements: maintain an A or B in the class.

Course Title: SPANISH IV

Grade: 11-12 **Length: Year** **Credit: 1**

Prerequisite: 'C' average or higher in Spanish III or teacher approval

Students will review grammar and vocabulary from the previous year. Students will be immersed in the Spanish language. Spanish will be used daily in class through instructions and conversations. Students will write compositions and do oral presentations. They will also study the history, geography and art of the Spanish speaking world.

Requirements: maintain a C or higher in the class

Course Title: SPANISH IV HONORS

Grade: 12 **Length: Year** **Credit: 1**

Prerequisite: 'B' average or higher in Spanish III or Spanish III Honors and teacher approval

Students will review grammar and vocabulary from the previous year. Students will be immersed in the Spanish language. Spanish will be used daily in class through instructions and conversations. Students will write compositions and do oral presentations. They will also study the history, geography and art of the Spanish speaking world.

Requirements: maintain an A or B in the class.

Course Title: SPANISH FOR NATIVE SPEAKERS 1

Grade: 9-12 **Length: Year** **Credit: 1**

Prerequisite: Placement by assessment

This course introduces the native Spanish speaker to the mechanics of the language through reading, writing and grammar study. The history and culture of Hispanic countries will also be studied. The course will be conducted primarily in Spanish.

Course Title: SPANISH FOR NATIVE SPEAKERS 2

Grade: 9-12

Length: Year

Credit: 1

Prerequisite: Spanish for Native Speakers 1 and teacher recommendation through student assessment

This course is a continuance of Spanish for Native Speakers 1. The history and culture of the Hispanic people around the world will be studied. In addition, students will study literature as well as renowned Hispanic artists and their work. Emphasis is placed on writing skills throughout the year. The course will be conducted primarily in Spanish.

Course Title: ADVANCED PLACEMENT SPANISH LANGUAGE

Grade: 12

Length: Year

Credit: 1

Prerequisite: teacher recommendation

Students will receive extensive education in the 4 domains of language: reading, writing, speaking, and listening in preparation for the Advanced Placement Spanish Language exam. There will be a rigorous review of grammar and the use of grammar that they have learned in their previous tracks of study, i.e. Spanish 1-4, or Spanish Native 1, Native 2 and Spanish 4.

Students will be exposed to current events in Spanish speaking countries, history, literature using authentic text, and authentic audio and video recordings presented in Spanish. These will be topics for discussion in class in the target language. Students are expected to converse and write about topics explored in class with native-like control, fluency, and accuracy.

The class will be conducted entirely in Spanish, with rare exceptions. Students in this course will be required to take the AP exam. This is a college-level course. Advanced Placement language courses simulate college level Spanish classes, and students have the opportunity to earn college credit by taking the exam.



Course Title: INTRODUCTION TO TECHNOLOGY

Grade: 9-10 Length: Year Credit: 1 Fee: None

Prerequisite: Passing grade in 1st semester to continue 2nd semester

This is a full-year course, which is an introductory level that contains a complete curriculum to provide a beginning base of knowledge of technology. Currently there are seventeen different modules of technology that will be investigated. A module is a ten-day, self-contained learning unit that focuses on specific topics. It contains all of the hardware, software, text, and hands-on materials that a student needs to learn about the topic being studied. Enhancements and new modules are added each year. The technology modules currently being offered are: Alternative Energy, Automation and Robotics, Animation, Artificial Intelligence, Computer Game Development, Computer Graphics Design, Computer Numerical Control Milling, Computer-Aided Design, Controls and Sensors, Desktop Publishing, Digital Video Ending, Exploratory Electronics, Flight Simulation, Health, Plastics, Video Production, and Virtual Reality.

Course Title: SURVEY OF GRAPHIC COMMUNICATIONS

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

Students are introduced to the major printing processes used in industry. Specifically, students learn photo-offset operations and photo -composition. They print projects such as memo pads, business cards, booklets, etc. This class exposes students to basic darkroom procedures. Since this is a lab-oriented course, attendance is extremely important; work cannot be taken out of class for make-up assignments.

Course Title: PHOTO-OFFSET FUNDAMENTALS

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: 'C' average or higher in Survey of Graphic Communications

An advanced level course in which students use knowledge gained in Survey of Graphic Communications and apply it to multicolor line reproduction, halftone photography, and special effect printing. An emphasis is also placed on an introduction to desktop publishing. Since this is a lab-oriented course, attendance is very important; work cannot be taken out of class for make-up assignments.

Course Title: PRODUCTION GRAPHICS

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: 'B' average or higher in Photo-Offset and teacher recommendation

Production Graphics is a year course in which students learn the technical aspects of layout and design. Students get a comprehensive background in presswork, photo-reproduction, desktop publishing, photo typesetting, prescreening halftones, and proper layout techniques. Students assume the responsibility for layout and production of brochures, business forms, and other professionally prepared documents. Students learn to deal with time commitments, monitored quality control, and tailored specifications.

Course Title: BEGINNING LIGHT BUILDING CONSTRUCTION & WOODWORKING

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: none

Woodworking covers the many areas of the woodworking / carpentry industry including structural design and building; study of wood joinery, joint construction, machine operations, hand tool operations, use of fasteners, laminates, stains, and cabinet hardware. Light building construction designed to give students and opportunity to gain experience and insight into the building trades and related areas. The majority of the class will take place in the lab towards the completion of a project.

Course Title: ADVANCED WOODWORKING

Grade: 10-12 Length: Semester Credit: .5 Fee: None

Prerequisite: "B" average or higher in beginning woodworking

Woodworking covers the many areas of the woodworking / carpentry industry including structural design and building; study of wood joinery, joint construction, machine operations, hand tool operations, use of fasteners, laminates, stains, and cabinet hardware. The majority of the class will take place in the lab towards the completion of a project. Advanced Woodworking students have the freedom to design a project of their choice after completing a class project. Some examples of advanced projects include a chest of drawers, writing desk, gun cabinets, hutches, bookcases, tables, kitchen cabinets, cedar chests, and podiums.

Course Title: ADVANCED LIGHT BUILDING CONSTRUCTION

Grade: 10-12 Length: Semester Credit: .5 Fee: None

Prerequisite: "B" average or higher in beginning light building construction

Advanced light building construction is semester long class designed to give students further experience and insight into the building trades by applying basic framing techniques to build a structure. The students will build a large playhouse using the same techniques used in the building trades.

Course Title: INDEPENDENT PROJECTS IN THE TRADES AND WOODWORKING

Grade: 11-12 Length: Year or Semester Credit: 1/.5 Fee: None

Prerequisite: "B" average or higher in previous classes

Is a course to give highly motivated students to apply their knowledge in an independent setting. Students select between production woodworking and/or light building construction and complete a project.

Course Title: COMPUTER AIDED DRAWING & DESIGN (CAD)

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: "C" or better in Math

This class is recommended for anyone interested in engineering, architecture, or design, as well as for future homeowners and those interested in employment in any technical, building, or manufacturing area. Students use a combination of sketching and AutoCAD software to complete projects, such as creating house floorplans, virtual-remodeling your own room, and designing custom wheels.

Course Title: ADVANCED COMPUTER AIDED DRAWING & DESIGN (CAD)

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: 'C' average or higher in Computer Aided Drawing & Design

This course allows students to expand on concepts and skills learned in the beginning CAD (Computer Aided Drawing and Design) class. Assignments may include designing an addition to a home, developing a home lighting and electrical plan, creating detailed drawings of small custom buildings, designing custom mechanical parts, and completing an independent project.

NOTE: Upon completion of this class, students may take an advanced placement test for college credit at the College of Lake County.

Course Title: INDEPENDENT STUDY – COMPUTER AIDED DRAWING & DESIGN (CAD)

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: "B" or higher in Advanced Computer Aided Drawing & Design and Instructor's Consent

This course is concerned with the advanced areas of Engineering and/or Architectural drawing using CAD. The specific subject areas to be studied are determined by the student after consulting with and being approved by the instructor. A proven ability to work semi-independently is expected. The course may be repeated when appropriate.

Course Title: ADVANCED INDEPENDENT STUDY – COMPUTER AIDED DRAWING & DESIGN (CAD)

Grade: 10-12 Length: Semester Credit: .50 Fee: None

Prerequisite: "B" or higher in Independent Study - Computer Aided Drawing & Design and Instructor's Consent

This course is designed to address the needs of advanced CAD students. Students will be assisted with individual projects in Engineering and/or Architectural Design. Subject and design areas are determined by the teacher to meet individual student needs.

Course Title: ENGINEERING

Grade: 10-12 Length: Year Credit: 1.0 Fee: None

Prerequisite: "C" or better in Math, must pass 1st semester to continue 2nd semester

This year-long course is designed to allow students to explore and examine basic engineering and design principles. It will involve both individual and group or team learning projects. Included in the course is the study and practice of: Design/Engineering, Mockups and other models, applied math, and application of the basic machines (wheel, screw, wedge, pulley, inclined plane, and lever). Problem-solving, teamwork, design procedures, and solutions are utilized. It is designed as a course to help students grasp work-related concepts, such as those covered in the Work Keys portion of the Prairie State Exam.



Course Title: ALGEBRA I

Grade: 9-12 Length: Year Credit: 1 Fee: None

Prerequisite: Placement based on test scores and teacher recommendation

This course is designed for the student with background in basic computational skills of whole numbers, decimals, and fractions. It introduces basic concepts of algebra and their application in word problems. Topics covered in this course include: solving equations and related application problems, operations with polynomials, solving inequalities, functions, graphs, and systems of equations. Basic geometry topics are introduced and reinforced throughout the course. **A scientific calculator is required.**

Course Title: EXTENDED ALGEBRA 1

Grade: 9-12 Length: Year Credit: 2 Fee: None
(1 math, 1 elective)

Prerequisite: Standardized Test Scores and Teacher recommendation

Extended Algebra One is a full year course that meets for two periods of the school day. Students will complete the same curriculum as the Algebra One class, but get the extra support they need to be successful. **A scientific calculator is required.**

Course Title: ALGEBRA I – HONORS

Grade: 9-12 Length: Year Credit: 1 Fee: None

Prerequisite: None - Placement based on test scores and teacher recommendation

This course is designed to provide a challenge to students with above average mathematical ability. The topics covered are identical to those in regular algebra with the addition of problem solving, advanced word problems and trigonometry. Basic geometry topics are introduced and reinforced throughout the course. This course moves faster and covers more material than regular Algebra. A thorough knowledge of fractions, decimals and negative and positive numbers is required. **A scientific calculator is required.**

Course Title: ALGEBRA II

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Algebra I

This course is designed for the student with average mathematical ability. The first semester reviews and extends the basic concepts, skills, and applications of elementary algebra. Topics such as systems of equations and graphing quadratics are introduced. The course builds upon the geometry topics that were introduced in algebra one. **A scientific calculator is required.**

Course Title: ALGEBRA II – HONORS

Grade: 9-12 Length: Year Credit: 1 Fee: None

Prerequisite: Algebra I - Honors or Algebra I and teacher recommendation

This course is designed for the above average and college bound student. The student reviews and extends the basic concepts and applications of elementary

algebra and advanced algebraic topics. The course builds upon the geometry topics that were introduced in algebra one. This course is designed as the prerequisite to College Algebra/Honors. Both the topics and pace of the class are designed to prepare students for additional classes in mathematics. **A TI-83 Plus graphing calculator is required.**

Course Title: GEOMETRY

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Algebra II, or Algebra II Honors, or teacher recommendation

This course is designed for the average student, either college bound or vocationally oriented. The course introduces basic concepts of plane Euclidean geometry. Course topics are an extension of the basic geometry that is introduced in algebra one and algebra two and include deductive and inductive reasoning, and proof techniques. In addition, coordinate geometry and solid geometry are presented. There are fewer numerical computations in this course than in Algebra; the emphasis is on problem solving. **A scientific calculator is required.**

Course Title: GEOMETRY – HONORS

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Algebra II - Honors with teacher recommendation

The basics of plane Euclidian Geometry are taught with emphasis on proofs. Course topics are an extension of the basic geometry that is introduced in algebra one and algebra two and include deductive and inductive reasoning, and a variety of proof techniques. In addition, coordinate geometry and solid geometry are presented. This course is recommended for high ability students who intend to continue in the honors math program culminating with AP Calculus Honors. **A scientific calculator is required.**

Course Title: COLLEGE ALGEBRA

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: Geometry and teacher recommendation

This is a year course that is technology active. Students examine problems algebraically and graphically. By using a graphing calculator, the students are able to solve problems that, in the past, were possible only with knowledge of calculus. Topics include: functions and their graphs and zeros, trigonometric and polynomial functions, analytical trigonometry, exponential and logarithmic functions, applications of trigonometry, matrices, and sequences and series. **A TI-83 Plus graphing calculator is required.**

Course Title: COLLEGE ALGEBRA HONORS

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: Algebra II - Honors, Geometry - Honors and teacher recommendation

This course continues the concepts of algebra presented in Algebra I - Honors and Algebra II - Honors and presents the concepts of elementary trigonometry. Topics covered include: matrices and determinants, sequences, series and probability, exponential, logarithmic and higher degree equations, circular

functions, trigonometric functions, trigonometric identities, trigonometric formulas for area, solving trigonometric equations, and the laws of sines and cosines. These concepts are demonstrated through application problems. ***A TI-83 Plus graphing calculator is required.***

Course Title: AP CALCULUS – HONORS

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: College Algebra /College Algebra Honors - Honors or teacher recommendation

This course is designed for the above average student planning to attend college who has a good background in mathematics; it is especially designed for students interested in engineering and science areas. The content includes: a review of elementary algebra emphasizing inequalities and absolute values, vectors, rectangular coordinate system, the straight line, functions, limits, continuity, the derivative, formulas of differentiation, applications of the derivative including maximum, minimum, and related rates, curve sketching, equations of the second degree including specifics on the conics, translation, rotation, and integration. Time permitting, calculus applications using trigonometry, logarithmic and exponential functions will be studied. Students will be given the opportunity to take the AP exam in Calculus for possible college credit or advanced placement. (An additional fee required for the test. Students will not be required to take the AP test.) ***A TI-83 Plus graphing calculator is required.***

Course Title: STATISTICS AND PROBABILITY – HONORS

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: Algebra II and math teacher recommendation

This course provides a comprehensive introduction to statistics and probability and is designed for students planning to attend college. Students will use statistical methods to analyze real-world studies and data samples. Topics include: descriptions of sample data, methods of analyzing data, probability, sampling techniques, estimation and hypothesis testing, linear regression and correlation. ***A TI-83 Plus graphing calculator is required.***





SCIENCE

Course Title: INTRODUCTION TO PHYSICAL SCIENCE SKILLS

Grade: 9 Length: Year Credit: 1 Fee: None

Prerequisite: None

This course is designed for the student that has challenges in science. Course content includes the study of the following topics: physics, chemistry, and earth science. Classroom activities consist of textbook work, skill-sheet handouts, laboratories, and demonstrations.

Course Title: INTRODUCTION TO PHYSICAL SCIENCE

Grade: 9 Length: Year Credit: 1 Fee: None

Prerequisite: None

This course is designed for the average student. Course content includes the study of the following topics: life science, physics, chemistry, and Earth science. Classroom activities consist of lecture and note-taking, textbook work, skills practice handouts, labs, and demonstrations.

Course Title: GENERAL BIOLOGY

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Introduction to Physical Science and teacher recommendation

This class is designed for the student who had difficulty in Introduction to Physical Science. The fundamentals of biology are studied including cells, basic biochemistry, evolution, genetics, ecology, and the major groups of living things. Curriculum follows along with BIOLOGY.

Course Title: BIOLOGY

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: An A, B, or C in Introduction to Physical Science.

This course is designed for college and non-college bound individuals. Students study the fundamentals of biology and apply them to living organisms. Time is spent discussing the five kingdoms found on earth and a representation of each kingdom is given. There are approximately twenty-five labs completed in this course. Subjects also studied include cells, genetics, evolutions, cellular traffic, and plant taxonomy.

Course Title: BIOLOGY – HONORS

Grade: 9-12 Length: Year Credit: 1 Fee: None

Prerequisite: 'A' average in Introduction to Physical Science or honors science student at the middle school and teacher recommendation

This course is designed for the above average college bound student. This course begins by investigating the unique properties of living organisms, which set life apart from the non-living. The course continues with molecular and cellular biology, which leads into reproduction and genetics. Genetics deepens the understanding of organic variation between species and allows the study of classification.

Course Title: BOTANY**Grade: 10-12 Length: Year Credit: 1 Fee: None****Prerequisite:** An A, B or C in Biology or Teacher Recommendation

Botany is the study of plants and is a course designed for students who wish to continue coursework in the life sciences. This class includes extensive laboratory activities and course work focusing on plants, as well as plant structures and functions. As an integral part of the course, students will examine the economic, cultural, and environmental applications of plants in our society.

Course Title: MICROBIOLOGY – HONORS**Grade: 11-12 Length: Semester Credit: .50 Fee: None****Prerequisite:** Biology, Chemistry, and teacher recommendation

This course is designed for the above average student. Microbiology is the study of microscopic organisms. Topics include structure, physiological properties, bacteria growth, culture techniques, bacterial diseases, and methods of bacterial control.

This course includes extensive laboratory activities working with microorganisms. Microbiology Honors is a grade-weighted course.

Course Title: ADVANCED LABORATORY SCIENCE**Year: 9 Length: Year Credit: 1 Fee: None****Prerequisite:** None

This course is designed for the student that has had difficulties in science to complete the requirement for a third year of science. Students will study the four major areas of science: biology, chemistry, physics, and earth science. This class includes extensive laboratory and Internet activities. Differentiation strategies will be used to increase student success.

Course Title: PHYSIOLOGY – HONORS**Grade: 11-12 Length: Semester Credit: .50 Fee: None****Prerequisite:** Biology, Chemistry, and teacher recommendation

This course is designed for the above average student. Human physiology is the study of the life processes in humans. Topics include the structure and function of cells (histology), tissues, organs, and organ systems. This class is recommended for students planning a science career. Online activities as well as labs are an essential part of this class. Physiology Honors is a grade-weighted course.

Course Title: CHEMISTRY**Grade: 10-12 Length: Year Credit: 1 Fee: None****Prerequisite:** Biology, Algebra I, and teacher recommendation

This course is designed for the student who wishes to continue in the field of science providing him or her a basic chemistry background. Mathematical theory is stressed in detail; students should realize they need Algebra skills to perform chemistry operations. This course includes an introduction to laboratory procedure, atomic theory, the periodic chart, chemical bonding and equations, the gas laws, solutions, and acid-base reactions.

Course Title: CHEMISTRY – HONORS**Grade: 10-12 Length: Year Credit: 1 Fee: None*****Prerequisite:* A or B in Biology Honors, and an A or B in Algebra I Honors, and teacher recommendation.**

This course is designed primarily for the college bound, honor student. The course includes intense laboratory procedure, atomic theory, the periodic chart, chemical bonding and equations, the gas laws, acid-base reactions, stoichiometry, and titrations. It is an in-depth course stressing mathematical theories involved in the study of chemistry. Honors chemistry is a grade-weighted course.

Course Title: ADVANCED CHEMISTRY- HONORS**Grade: 11-12 Length: Semester Credit: .50 Fee: None*****Prerequisite:* Chemistry; also completed or currently taking Physics, Algebra II and teacher recommendation.**

This course is designed for students who are very interested in a science career after high school. This is a lab and math based class. Major topics covered are food science, organic, biological and industrial chemistry. Amount of homework required 1 hour per day.

Course Title: PHYSICS**Grade: 11-12 Length: Year Credit: 1 Fee: None*****Prerequisite:* Algebra II, Chemistry, and teacher recommendation**

This course is intended for students planning to study science, technology or engineering after high school graduation. Topics covered include mechanics (motion, forces, energy); thermodynamics (heat); waves (sound, light, reflection, refraction); electricity (magnetism); and laboratory techniques in physics. Physics students should realize that an ability to work with mathematical relations is important.

Course Title: AP PHYSICS – HONORS**Grade: 11-12 Length: Year Credit: 1 Fee: None*****Prerequisite:* Algebra II, Chemistry, and teacher recommendation**

This course is designed for all college-bound and technical students. The topics are mechanics, energy, waves, and atomic structure. Students should be prepared for mathematical analysis of nature using algebraic formulas, graphing and trigonometry. Daily activities include lab activities and supplemental reading. Students are not required to take the AP exam.

Course Title: EARTH SCIENCE**Grade: 11-12 Length: Year Credit: 1 Fee: None*****Prerequisite:* An A, B, or C in Biology and teacher recommendation.**

This course is designed for the average to above average student who is interested in a challenging science class. Astronomy, geology, Earth history, meteorology, and oceanography are the major areas covered in Earth Science. This class is a combination of lecture and labs, and is considered a laboratory science by colleges.

Course Title: EARTH SCIENCE HONORS

Grade: 11-12 Length: Year Credit: 1 Fee: None

Prerequisite: An A or B in Biology and Chemistry, and teacher recommendation.

This course is designed for the above average student who is interested in a college-level science class. Students in this dual credit class will be concurrently enrolled in ESC 120 at CLC (for free) and will earn 3 college credits. Astronomy, geology, Earth history, meteorology, and oceanography are the major areas covered in Earth Science Honors. This class is a combination of lecture and labs, and is considered a laboratory science by colleges.

Course Title: CRIMINALISTICS: AN INTRODUCTION TO FORENSIC SCIENCE

Grade: 11-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Biology and two additional science classes. The second additional science class may be taken at the same time as Criminalistics.

This course is challenging and is designed for students with an interest in science. The class offers students the opportunity to learn, explore, and develop skills necessary to solve crimes. Students will examine types of evidence such as fingerprints, hair and fibers, ballistics, and DNA. The class is heavy on lecture with several labs and computer exercises.



Course Title: WORLD HISTORY I (required)

Grade: 9 Length: Semester Credit: .50 Fee: None

Prerequisite: None

World History I expresses a historical appreciation via the analysis of cultural, social, political, economical, technological, religious and intellectual trends and events. The class will start out with Paleolithic and Neolithic Ages and will end up with the Middle Ages. Assessments will include tests, quizzes, power-point presentations, differentiation projects and homework.

Course Title: HONORS WORLD HISTORY I (required)

Grade: 9 Length: Semester Credit: .50 Fee: None

Prerequisite: Grade of A or high B in middle school, recommendation from middle school and test scores.

Honors World History I, in a challenging manner, expresses a historical appreciation via the analysis of social, political, economical, technological, religious and intellectual trends. These trends will be interrelated with other historical periods and modern times. The content areas in this rigorous class include: Paleolithic and Neolithic Ages, The Fertile Crescent and the Birth of Civilizations, Greece, Rome, The Byzantine Empire, Development of Islam, and the Middle Ages. This class elicits an enormous amount of history and will be assessed by quizzes, tests, written essays, power-point presentations, projects, class discussion and debate, critical thinking issues and analysis and evaluation.

Course Title: WORLD HISTORY II (required)

Grade: 9 Length: Semester Credit: .50 Fee: None

Prerequisite: None

World History II expresses a historical appreciation via the analysis of cultural, social, political, economical, technological, religious and intellectual trends and events. The class will start out with the Renaissance. It will discuss the Protestant Reformation, Exploration and Colonization, Major World Conflicts and Terrorism. Assessments will include tests, quizzes, power-point presentations, differentiation projects and homework.

Course Title: HONORS WORLD HISTORY II (required)

Grade: 9 Length: Semester Credit: .50 Fee: None

Prerequisite: Grade of B or higher in Honors World History I or teacher recommendation from World History Teacher.

Honors World History II, in a challenging manner, expresses a historical appreciation via the analysis of social, political, economical, technological, religious and intellectual trends. These trends will be interrelated with other historical periods and modern times. The content areas in this rigorous class include: The Renaissance and Reformation, Protestant Reformation, Scientific Advancements, New Government Development, World Colonization and Imperialism, World War I and World War II, and Contemporary World History. This class elicits an enormous amount of history and will be assessed by quizzes, tests, written essays, power-point presentations, projects, class discussion and debate, critical thinking issues and analysis and evaluation.

Course Title: WORLD GEOGRAPHY**Grade – 10 Length – Semester Credit - .5 Fee – None****Prerequisite – None**

World Geography will examine the physical and human characteristics of Illinois, United States, Europe, Middle East, Africa, and emerging countries (China, India, Russia.)

Emphasis is placed on student skill development in the areas of reading, writing, critical thinking, and map skills.

Course Title: WORLD GEOGRAPHY HONORS**Grade – 10 Length – Semester Credit - .5 Fee – None****Prerequisite – Grade of B or higher in last social studies class**

World Geography will examine the physical and human characteristics of Illinois, United States, Europe, Middle East, Africa, and emerging countries (China, India, Russia.)

Emphasis is placed on student skill development in the areas of reading, writing, critical thinking, and map skills. Students need to be strong in the areas of reading comprehension and writing.

Course Title: UNITED STATES HISTORY 1 (required)**Grade: 11 Length: Semester Credit: .50 Fee: None*****Prerequisite:***

United States History I is a course that looks at pre-colonial times to the reconstruction of our country after the Civil War. Cultural, economical, physical and political aspects will be the “big four” that will guide this class. Projects, differentiated activities, tests, critical thinking questions, writing assignments, power-point presentations and analysis and evaluation will be the assessments for the class.

Course Title: UNITED STATES HISTORY 1 HONORS**Grade: 11 Length: Semester Credit: .50 Fee: None*****Prerequisite: Successful completion of World Geography course and recommendation by teacher***

United States History I Honors uses a creative approach to address the political, social, economic, and foreign policy events representing the great American experience. Students will focus on such topics as: the fight for independence, the development of the American political and economic system, westward expansion and manifest destiny, slavery and emancipation, the evolution of the United States into a world superpower, and more. Additionally, in this course, students will work on important skills such as: critical thinking, reading comprehension, analysis of primary and secondary source material, development of writing skills, discussion and debate of relevant historical issues. This course will challenge students to understand and evaluate the history of the United States on multiple levels. U.S. History 1 Honors is a reading and writing intensive course that seeks to go into greater depth about significant events in American history. Assessments will include but are not limited to: tests, quizzes, projects, research papers, essays, small group work, written reflections, evaluation, analysis and debate.

Course Title: UNITED STATES HISTORY 2 (required)

Grade: 11 Length: Semester Credit: .50 Fee: None

Prerequisite:

United States History II is a class that looks at the turn of the century (19th to 20th) to War on Terrorism. Political, economic, physical and cultural aspects will be discussed with this class. Assessments will include projects, differentiated activities, tests, PowerPoint presentations, homework, class discussion and writing assignments.

Course Title: UNITED STATES HISTORY 2 HONORS

Grade: 11 Length: Semester Credit: .50 Fee: None

Prerequisite: Successful completion of World Geography course and recommendation by teacher

United States History II Honors uses a creative approach to address the political, social, economic, and foreign policy events representing the great American experience. Students will focus on such topics as: immigration and migration, the Great Depression, the New Deal, New Conservatism, Suffrage, the Civil Rights Movement, the counter-culture of the 1960s, and more. Additionally, in this course, students will work on important skills such as: critical thinking, reading comprehension, analysis of primary and secondary source material, development of writing skills, discussion and debate of relevant historical issues. This course will challenge students to understand and evaluate the history of the United States on multiple levels. U.S. History 1 Honors is a reading and writing intensive course that seeks to go into greater depth about significant events in American history. Assessments will include but are not limited to: tests, quizzes, projects, research papers, essays, small group work, written reflections, evaluation, analysis and debate.

Course Title: UNITED STATES GOVERNMENT

Grade: 12 Length: Semester Credit: .50 Fee: None

Prerequisite: Successful completion of US History I and US History II or teacher approval

Students will explore the basic principles of the United States Constitution and how it works out in our government. In addition to learning what the three branches of national and state government do, students will also take an interactive approach through analyzing documents, participating in class discussion, and going through simulations where they get to role play different government officials. This class prepares students to pass the National and State Constitution Tests required by the state of Illinois.

Course Title: UNITED STATES GOVERNMENT HONORS

Grade: 12 Length: Semester Credit: .50 Fee: None

Prerequisite: Successful completion of US History I and US History II with a grade of B or higher and teacher recommendation.

Students will explore the basic principles of the United States Constitution and how it works out in our government. In addition to learning what the three branches of national and state government do, students will also take an interactive approach through analyzing documents, participating in class discussion, and going through simulations where they get to role play different

government officials. This class prepares students to pass the National and State Constitution Tests required by the state of Illinois.

Course Title: CURRENT EVENTS

Grade: 11 – 12 Length: Semester Credit: .50 Fee: None

Prerequisite: None

This one semester course uses a variety of resources to engage students in the study of important national and international problems, events and controversial issues. The study of each subject includes the origin, historical development and present status. Special attention is given to the vocabulary, geography, and personalities associated with every topic. Newspapers, magazines, nightly Network News, Cable Programs, and Websites will be used as references. Assessments will include PowerPoint Presentations, Debate and Discussion, Analysis and Evaluation, and homework.

Course Title: AMERICAN CULTURE

Grade: 10 – 12 Length: Year Credit: 1.0 Fee: None

Prerequisite: None

This two semester course is a decade-by-decade examination of our American Culture. Students will actively review magazines, poems, books, musical lyrics, paintings, film, architecture, advertisements, sculpture, and major cultural figures. The decades involved in this course will be those of the 20th century. Students will explore the many facets of the class, in terms of their social, political and economic impact on trends in our society. This class is challenging, yet fun, and will be assessed from projects, computer presentations, and tests. American Culture also provides the student with a 0.5 tech credit.

Course title: HONORS PSYCHOLOGY

Grade 11-12 Length: Semester Credit: .5 Fee: None

Prerequisite: Grade of B or above in their last Social Studies class or teacher recommendation.

Honors Psychology is a semester class that explores the psychological aspects of human behavior. Major topics include: Theories of Learning and Motivation, Child Development, Abnormal Behavior and the Study of the Unconscious Mind. Schizophrenia, Obsessive Compulsive Disorder and Multiple Personality Disorder will be dealt with by showing three cinematic productions: “A Beautiful Mind”, “As Good As It Gets” and “Sybil”. Students will also be asked to read two books during the semester: “The Boy Who Couldn’t Stop Washing” and “Sybil”. Students will also be asked to view four psychological “thrillers” and turn in a typed, two page critique of each movie. Students will also have an opportunity to conduct and process data. The internet will be used for various projects during the semester.

Assessments will include tests, quizzes, power-point presentations, differentiated activities and various types of homework in and out of the classroom. Students will enjoy this challenging and very informational class.

Course Title: SOCIOLOGY HONORS**Grade: 11 – 12 Length: Semester Credit: .50 Fee: None*****Prerequisite: Seniors: Grade of “B” or higher in last Social Sciences course or teacher recommendation. Juniors: Must have “B” or higher AND teacher recommendation.***

“Sociology is the study of human interaction in social groups, organizations, societies, and other social systems. Sociologists investigate social and cultural factors that flow from, and influence, human interaction.” Issues and institutions such as culture, socialization, deviance and social control, social class, inequalities of gender and race, politics, education, religion and social movements are explored, discussed and analyzed. This course will not be a fact and recitation course; rather it will use primary source material, critical thinking exercises, research, lively discussion and debate, and cooperative learning to help students immerse themselves in these important social topics. This challenging course will culminate with a student-designed research project and presentation on a timely subject. Assessments will include but are not limited to: written reflections, analysis of scholarly articles, research projects, class participation, quizzes and tests.

Course Title: GEOGRAPHY OF LATIN AMERICA**Grade: 10-12 Length: Semester Credit: .50 Fee: None**

Geography of Latin America is one –semester course that examines the cultural, physical, political and economical aspects of this part of the world. The countries include: Mexico, Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Argentina, Bolivia, Brazil, Chile, Columbia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay and Venezuela. Assessments will include: Power-Point Presentations, Tests, Differentiate Activities and homework.

Course Title: ECONOMICS HONORS**Grade: 12 Length: Semester Credit: .50 Fee: None*****Prerequisite:***

Economics Honors will be a challenging and rigorous class. This class will emphasize the study of Capitalism. It is designed to introduce microeconomic and macroeconomic fundamentals, with an emphasis on macroeconomics. Topics generally include: Supply and Demand, Types of Competition, Gross Domestic Product, Business Cycles, Government Policies, the Federal Reserve System and Money Supply, Prices and Employment. Students are required to complete projects that analyze current economic topics. This course is intended for the high ability student. Assessments will include: Power-Point Presentations, Tests, Projects, Debate and Class Discussion, Analysis and Evaluation and homework.



SPECIAL EDUCATION

Course Title: CONSUMER EDUCATION

Grade: 11-12 Length: Semester Credit: .50 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Students work with basic concepts of consumerism. They become familiar with renting, credit (uses and misuses), insurance, investment and savings. The text used is supplemented by a semi-realistic project incorporating all concepts taught.

Amount of homework required: Approximately two to four hours per week

Course Title: HEALTH

Grade: 10 Length: Semester Credit: .50 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Units covered include nutrition, mental health, drugs/alcohol/tobacco, sexuality, disease, safety and first aid.

Amount of homework required: Approximately three hours per week

Course Title: QUEST

Grade: 9 Length: Semester Credit: .50 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Quest is a course designed for students to learn skills necessary for effective living. Students explore and discuss areas concerning self, self-concept, feelings, attitudes, friendship, and family. Classroom activities involve and promote the following skills: thinking, feeling, decision making, problem-solving, communicating, and acting upon decisions.

Amount of homework required: None

Course Title: CAREER PLANNING

Grade: 9/2nd sem, 10/1st sem Length: Semester Credit: .50 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

The career planning course will guide student through various activities that help students with developing their IEP Transition plan. Students will develop post secondary goals and outcomes. They will take several assessments including career interest surveys and a practice ACT. Students will also conduct hands-on research into possible career areas.

Amount of homework required: Minimal as most work is done in class on computers

PLEASE NOTE: along with LD and BD classes, the school offers a Career Opportunities Program (COP and LD/COP). This program is a special education program offered to Round Lake High School students. The curriculum teaches independent living skills, while meeting the Round Lake High School graduation requirements. The special education team, consisting of the student, parents, teachers and support staff, at the student's Annual Review, determines placement in the program.

SPECIAL EDUCATION

English

Course Title: ENGLISH 1

Grade: 9 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

English I is a year-long course devoted to the study of grammar, writing skills, reading skills, and literary forms. Students will study literature including the short story, poetry, nonfiction, novels, and drama.

Amount of homework required: One to two hours per week

Course Title: ENGLISH 2

Grade: 10 Length: Year Credit: 1 Fee: None

Prerequisite: English 1 - Placement by Individual Education Program (IEP)

Students work on sharpening skills in writing, reading, thinking, and speaking skills. Students study various literary forms such as short stories, novels, drama, nonfiction, folklore, and poetry. A variety of writing assignments with an emphasis on literary analysis are completed.

Amount of homework required: One to two hour per week

Course Title: ENGLISH 3

Grade: 11 Length: Year Credit: 1 Fee: None

Prerequisite: English 1, 2 - Placement by Individual Education Program (IEP)

English 3 is a full year course devoted to the study of the works written by American authors from the Puritan through the modern era. The course examines the various genres, techniques, and periods of American literature. In addition, students will study vocabulary, sentence structure, and will write various literary analysis papers.

Amount of homework required: One to two hours per week

Course Title: ENGLISH 4

Grade: 12 Length: Year Credit: 1 Fee: None

Prerequisite: English 1, 2, 3 - Placement by Individual Education Program (IEP)

Students learn to write letters of application and to understand classified ads. Reading newspaper articles, mystery stories, and other high interest stories is an essential part of this course. The student's reading comprehension is developed by reading several short stories and two classic novels. Grammar is emphasized through written work and assigned exercises from a grammar book. Weekly spelling tests provide constant development of spelling skills. One speech is required during the year.

Amount of homework required: One to two hours per week

Course Title: READING INTERVENTIONS

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Freshman English - Placement by Individual Education Program (IEP)

Reading Lab is a course that offers students the opportunity to build basic decoding and encoding skills. Using the Wilson Reading Program, the course builds basic phonetic awareness, use of phonics, then into reading fluency. This course may be taken repeatedly as stated in the IEP.

Amount of homework required: There is one take home assignment each week.

SPECIAL EDUCATION

Math

Course Title: MATH INTERVENTIONS

Grade: 9 Length: Year Credit: 1 (Elective) Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Students will improve their skills in basic math computation. The course is completely individualized. The skills covered are: addition, subtraction, multiplication, and division of whole numbers, decimals, fractions, and Pre-Algebra. This course counts as an elective credit and is taken in conjunction with another math course.

Amount of homework required: One to two hours per week

Course Title: ALGEBRA FUNDAMENTALS

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

This course will mirror the core content of the current Algebra 1 curriculum, however, move at a slightly reduced pace in a smaller classroom setting. Students will receive the same assignments and individualized instruction will be provided during class.

Amount of homework required: One to two hours per week

Course Title: MATH 3

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Individualized Education Program(IEP)

Students apply skills of basic math to 'real life' situations. The focus is on applying math skills to a variety of independent living situations. The students are given the same assignments; individualized instruction is provided during class.

Amount of homework required: One to two hours per week.

Course Title: TY (TWO-YEAR) ALGEBRA PARTS I AND II

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Case Manager and Individual Education Program (IEP)

This course is a four-semester course. It is designed to teach one year of algebra over a two-year period. It introduces basic concepts of algebra and their application in word problems.

Amount of homework required: One to two hours per week

Course Title: TY (TWO-YEAR) ALGEBRA PART III AND IV

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: TY Algebra Part I and Placement by Case Manager and Individual Education Program (IEP)

This course is the second year of TY Algebra. This class continues with basic concepts of algebra. Topics covered in this course include solving equations, operations with polynomials, and systems of equations.

Amount of homework required: One to two hours per week

SPECIAL EDUCATION

Science

Course Title: GENERAL SCIENCE

Grade: 9-12 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

This course is designed for the student who needs a more individualized approach to learning scientific concepts. Course content includes the study of the following topics: physics, chemistry, and earth science. Classroom activities consist of textbook work, skill-sheet handouts, laboratories, and demonstrations.

Amount of homework required: Two to three hours per week

Course Title: BIOLOGY

Grade: 10-12 Length: Year Credit: 1 Fee: None

Prerequisite: General Science and Placement by Individualized Education Program (IEP)

This course is designed for the student who needs a more individualized approach to the study of Biology. The fundamentals of biology are studied including cells, basic biochemistry, evolution, genetics, ecology, and the major groups of living things.

Amount of homework required: Two hours per week

SPECIAL EDUCATION

Social Studies

Course Title: UNITED STATES HISTORY

Grade: 11 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Students cover topics in United States history from exploration to present day. Map skills are also stressed. Emphasis is placed on major events in U.S. history. Students are required to write one report during the year.

Amount of homework required: Two hours per week

Course Title: GOVERNMENT

Grade: 11 Length: Semester Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Students study how government developed, what is needed in a government, and the different types of governments with an in-depth study of each branch of government: legislative, executive, and judicial. All activities and lectures are tied to modern times and the federal and state constitutions.

Amount of homework required: Two hours per week

Course Title: GEOGRAPHY

Grade: 10 Length: Semester Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

Students study the five themes in geography, along with map skills, latitude, longitude, land forms, climate, continents, bodies of water, atmosphere, weather, and the solar system. The focus of the course is on the different United States' regions.

Amount of homework required: One hour per week

Course Title: WORLD HISTORY

Grade: 9 Length: Year Credit: 1 Fee: None

Prerequisite: Placement by Individual Education Program (IEP)

World History I expresses a historical appreciation via the analysis of cultural, social, political, economical, technological, religious and intellectual trends and events. The class will start out with Paleolithic and Neolithic Ages and will end up with the Modern Age. Assessments will include tests, power-point presentations, differentiated projects and homework.

Amount of homework required: One to two hours per week