



LINCOLN HIGH SCHOOL

COURSE DESCRIPTION

GUIDE

2017-18



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Graduation Requirements

English: 4 credits

Social Studies: 3 credits- (U.S. History 1, U.S. History II and third social studies elective)

Math: 3 credits

Science: 3 credits

Physical Education: 1.5 credits (3 semesters)

Health/First Aid (preferably as a 9th grader): 0.5 credit

Parenting/Careers (preferably as a 10th grader): 0.5 credit

Consumer Credit: 1.0 (Accounting, Personal and Family Finance, Microeconomics, Macroeconomics and Consumer Math)

Electives: 8.5 credits

Total credits required for graduation: 25

**Students planning on attending a four-year college should plan on taking:

- 4 years of English
- 3-4 years of Math (including Geometry)
- 3-4 years of Science
- 3-4 years of Social Studies
- 2 years of Foreign Language

***All four-year schools require Geometry for admission. Most two-year schools also require Geometry.

Grading and Honors Information

In recognition of the fact that post high school institutions of learning consider rank in class and grade point average as part of their admissions criteria, we have designated certain courses basic (no asterisks), advanced (one asterisk), accelerated (two asterisks) and university (three asterisks). The grades for advanced, accelerated and university courses are weighted and then figured into the overall grade point average and class rank.

***** University Courses:** AP Courses, English 101, English 102, English 250, College Psychology and Sociology Courses and Spanish 5

**** Accelerated Courses:** Advanced Math, Advanced English 11, Advanced English 12, Chemistry, Physics, Anatomy and Physiology, Spanish 3 & 4, Microbiology, Advanced Accounting, Marketing and Medical Terminology

*** Advanced Courses:** Geometry, Algebra II, Psychology, Economics, Spanish 2, French 2, Computer Aided Drafting, Accounting, Sociology, Contemporary Issues and Astronomy & Environmental Science

Sample Four-Year Course Planning Guide

<u>Freshman Year-7 credits</u>	<u>Sophomore Year-7 credits</u>
English 9- 1 credit	English 10- 1 credit
Physical Science/Geology- 1 credit	Biology/Geology- 1 credit
Pre-Algebra/Algebra- 1 credit	Algebra/Geometry/Alg. II- 1 credit
US History I- 1 credit	US History II/World History- 1 credit
PE (semester) with First Aid/Health- 1 credit	Parenting/Careers- 0.5 credit
Spanish I or other elective- 1 credit	PE- 0.5 credit
Band/Choir/Additional Elective Class- 1 credit	Spanish II or other elective- 1 credit
	Additional Elective Class- 1 credit

<u>Junior Year- 7 credits</u>	<u>Senior Year- 7 credits</u>
English 11/Eng. 11-Adv.-1 credit	English 12/Eng. 12-Adv./College English-1 credit
Chemistry/Physics/Anat.& Phys.- 1 credit	Astronomy/Env. Sci or Anat./Phys/Physics -1 Credit
Geometry/Alg. II/Adv. Math/Consumer Math- 1 credit	Alg. II/Adv. Math/Consumer Math/AP Calc -1 credit
US History II/World History- 1 credit	Psychology or other Social Studies course- -1 credit
Class to fulfill Consumer Credit- 1 Credit	Class to fulfill Consumer Credit- 1 Credit
PE- 0.5 credit	Additional Elective- Course relevant to post-secondary plans-1 credit
Additional Elective- Course relevant to future plans- 1 credit	Additional Elective- Course relevant to post-secondary plans-1 credit
Additional Elective- 0.5 credit	

AGRICULTURE

INTRODUCTION TO AGRISCIENCE

Semester Course

Credit: 0.5

Grades: 9-12

These classes are not just about sows, cows, and plows. The modern day agricultural science is about beakers, speakers, and job seekers. This beginner level course will explore the exciting fields and career opportunities in the Agricultural Sciences. Students will develop an understanding for the many fields associated with agriculture including plant science, animal science, wildlife, forestry, food processing, soils, biotechnology, and leadership. This class will be the foundation for further opportunities within the Lincoln High School Agricultural program. Students will learn hands-on as much as possible, and be exposed to the many aspects and opportunities of FFA. This class will be fun and fast paced all while accomplishing the goal of learning about the amazing world of agriculture. This course is recommended to freshman or new students to the Agricultural Science classroom.

INTRO TO ANIMAL SCIENCE

Semester Course

Credit 0.5

Grades 9-12

There is so much to learn about animals! From cows to horses, this class is a step between Intro to Agriculture and Animal Science. Breeds of animals, how to care for them, and their uses will be the topics of this class.

ANIMAL SCIENCE

Semester Course

Credit: 0.5

Grades: 11-12

Grade 10 with approval from Ag. instructor.

Prerequisite is Intro. to Animal Science (starting with 2018-19 school year)

Animal Science is a course that provides necessary knowledge about animals, with an emphasis on dairy and beef cattle. Topics addressed in this class include animal health, animal environments & husbandry, anatomy and physiology, genetics and reproduction, animal feedstuffs, and safety when working with animals. Hands-on activities are a foundation for this course. This class has transcripted credits available from CVTC.

SMALL ANIMAL SCIENCE

Semester Course

Credit 0.5

Grades 9-12

If you have a pet, or plan to, it would be a great idea to learn about them! In small animals, you will learn how to care for your pet, diseases, feeding, and breeds no matter if it is a cat, dog, reptile or small rodent! The Agricultural Dept. has rabbits that will be a primary component of the class.

FOOD SCIENCE

Semester Course

Credit: 0.5

Grades: 10-12

If you eat, and have an interest in how and why foods are made as they are, this is a class for you! You will explore the production of food in all primary categories: dairy products, breads & grains, meats, fruits and vegetables, and beverages. This is a heavy **lab-based class** where you'll have an opportunity to make and sample much of your work!

BIOTECHNOLOGY

Semester Course

Credit: 0.5

Grades: 10-12

The world of agriculture is ever changing. Biotechnology is a large component of that. This class will explore how biotechnology is involved with agriculture now and may be in the future. Exploration will begin with history, DNA, and then how biotech exists in agriculture from Round-Up ready crops to GMOs and super sweet, sweet corn.

PLANT SCIENCE

Semester Course

Credit: 0.5

Grades: 11-12 (10 with approval)

Plant Science is a class that provides the knowledge of plant parts and functions, with an emphasis on agronomic crops (such as corn, soybeans etc.). Topics to be explored include technology in the area of plant science, plant nutrients, pollinating and propagating plants, germinating seeds, and exploring factors that affect photosynthesis, respiration, and transpiration. Much learning will be a result of hands-on activities. This class has transcripted credits available from CVTC.

NATURAL RESOURCES

Semester Course

Credit: 0.5

Grades: 9-12

Looking at the world around you, there are a lot of ways that you interact with nature. Do you know the kinds of trees in your town, or where your city water goes and comes from? This class will look at the components of natural resources, from air, water, soil, and forestry. **Trips to the school forest will be important labs in this class, as forestry will be an emphasis.**

WILDLIFE

Semester Course

Credit: 0.5

Grades: 9-12

Do you hunt? Are you curious about the wildlife around you? Then this class is for you! You will explore the wildlife in this area, with an emphasis on whitetail deer, as well as

turkeys, ducks and other wildlife. Conservation, hunting, and habitats are all covered. **Trips to the school forest to explore habitats will also be planned.**

FRESHWATER AQUATICS

Semester Course (Spring)

Credit: 0.5

Grades: 10-12

Do you like to fish, or have an interest in water and what lives in it? This class looks at various fish species, environments, conservation, as well as fishing techniques and types of fishing.

HORTICULTURE

Semester Course

Credit: 0.5

Grades: 11-12 (10 with approval)

Introduction to Horticulture is an overview of the horticulture industry, past and present. Students will be exposed to careers and current trends of the industry as well. An emphasis will be placed on horticultural crops, plant classification & utilization, and the correlations between plant growth, development, and the environment. This class has transcripted credits available from CVTC.

ART

FOUNDATIONS OF ART

Year-long Course

Credit: 1.0

Grades: 9-12

No Prerequisite-THIS IS A FIRST LEVEL COURSE.

This course is designed to touch on many different **areas of art** including: Drawing, Painting, Printmaking, Sculpture, Ceramics, and Commercial Design. We will discuss and use the “Elements and Principles of Design” in all of our works, as well as view many famous works of art, artists, and artistic trends or styles. Each unit is designed to progressively build the skills of the students and increase their artistic knowledge, vocabulary, and confidence. Tests and critique sheets are used for each unit of study to help assure student understanding of skills, vocabulary, art history, and concepts covered. This course then serves as an excellent way for students to see which **areas of art** they are most interested in, and helps them make decisions as to what art courses they would like to take next.

BEGINNING 2D ART

Semester Course

Credit: 0.5

Grades: 9-12

Prerequisite: Foundations of Art

Beginning Two-Dimensional Art is designed specifically for those students who desire to improve their drawing skills. Observation skills and creative thinking skills are stressed. Students will learn the elements and principles of art and will complete units in drawing, painting, printmaking, and design. Students will use a variety of media such as pencil, charcoal, pastel, watercolor and acrylic paints. Students are required to have a sketchbook with a minimum of 55 pages.

BEGINNING 3D ART

Semester Course

Credit: 0.5

Grades: 9-12

Prerequisite: Foundations of Art

Three-Dimensional Art is designed for students who enjoy using their hands with various three-dimensional materials and processes in the areas of sculpture, ceramics, fibers and folk art. Projects will use media such as clay, plaster, wire, found objects, fibers and other various sculpting materials.

INDEPENDENT ART

Semester Course/Year-long

Credit: 0.5

Grades: 11-12

Teacher's Consent Required

This class is for the advanced art student who is interested in pursuing specific interests in art. The student will design projects for him/herself and will complete them under a teacher-approved contract. Self-discipline and an ability to work independently are required for this course. Each student will develop greater skills and will create projects more tailored to his/her own interests. Students should expect a fast paced, advanced level class continuing to focus on the elements and principles of art.

BUSINESS EDUCATION

***ACCOUNTING**

Year-long Course

Credit: 1.0

Grades: 11-12

Did you know that most business majors and minors require an introductory accounting course? Prepare now and get a head start on your post-secondary education. The field of accounting offers challenging tasks, an array of travel opportunities, advancement potential, skill building, and the chance to play a vital role in evaluating business deals, growth, and investment strategies. This course introduces you to one of the most highly paid, in demand professions. Throughout this course you will complete multiple real-world accounting simulations that will address competencies learned. **Students who earn a passing grade will receive 4 transcribed credits through Chippewa Valley Technical College.*

ADVANCED ACCOUNTING

Year-long Course

Credit: 1.0

Grades: 11-12

Prerequisite: Accounting

This one-year, advanced course is for students interested in acquiring a more in-depth knowledge of accounting and to help better prepare students for the world of work or college-level business courses.

BUSINESS LEADERSHIP

Semester Course

Credit: 0.5

Grades: 9-12

Leadership is an intangible asset that every individual needs to possess to be successful in this world. This class explores the skills and abilities needed to be an influential leader in our school and community. Students will learn how to be confident public speakers, to effectively work as a team, to be a group leader, and most importantly, become involved in the community. This class is filled with student-led activities, demonstrations, group discussions, and community service. Membership in FBLA, or another CTSO, is required as this class will also focus on completing the activities related to your competitive event.

DIGITAL IMAGING

Semester Course

Credit: 0.5

Grades: 9-12

Digital Imaging is designed to give you an opportunity to explore a variety of software programs, and features available within these programs, as they relate to layout and design principles. You will create professional-looking documents with commonplace office technology. By learning the principles of document design and layout, you will gain experience in creating photo projects, newsletters, advertisements, brochures, business

forms, candy bar wrappers, websites, and much more. Digital photography, scanning equipment, the Internet and varied software will be used as resources.

***MICROSOFT OFFICE SUITE**

Semester Course Credit: 0.5 Grades: 9-12

The goal of this course is to provide an opportunity for students to use Microsoft Office 2010 as it is utilized in academic and business environments. The Microsoft Office Suite is the most commonly used software in both post-secondary education and industry. Students will become familiar with Office 2010 and use it as they work with Word, Excel, Access, and PowerPoint.

**Students who earn a passing grade will receive 2 transcribed credits through Chippewa Valley Technical College.*

ENTREPRENEURSHIP IN SPORTS AND ENTERTAINMENT

Semester Course Credit: 0.5 Grades: 9-12

People of all ages, abilities, and interests manage their own businesses or the businesses of others. In this course you will learn what it takes to become an entrepreneur and participate in a simulation managing your own business. You will also get a look behind the scenes of the multi-billion dollar sports and entertainment industries and gain life-like experience through the completion of a simulation. You will prepare yourself for a career in business, develop your self-confidence, and expand your knowledge of basic business concepts and procedures.

YEARBOOK

Year-long Course Credit: 1.0 Grades 10-12

Do you want to be a part of Lincoln High School's history by assisting in the creation of the annual Crossroads yearbook? You will be expected to make individual contributions, work cooperatively as a team at each stage of the process, and attend extra-curricular activities when assigned. You should be highly self-motivated, organized, have a positive attitude, and the ability to meet deadlines. The final product of this class is the annual Crossroads yearbook, and you will also assist in the creation of the senior slideshow!

BUSINESS LAW (not offered for the 2017-18 school year)

Semester Course Credit: 0.5 Grades: 9-12

This course is designed to acquaint you with basic legal principles and to give you an overview of legal matters that you may deal with in your personal and/or professional life. You will get an opportunity to dissect real-life video cases and even visit the Jackson County Courthouse to observe a jury trial. If you are intrigued by how the law works, then this class is for you!

YOUTH APPRENTICESHIP

Year-long Course

Credit: 1 per class period

Grades: 11-12

Would you like to get paid to receive school credit and on the job experience during the school day? Wisconsin's Youth Apprenticeship program, sponsored by the Department of Workforce Development, integrates school-based and work-based learning to provide students with employability and occupational skills. Qualified teachers teach students and skilled work site mentors to prepare for careers while still in high school, developing the technical and specific job skills required by Wisconsin industries. Programs are available in the following pathways:

Agriculture, Food and Natural Resources

Architecture and Construction

Arts, A/V Technology and Communications

Finance

Health Science

Hospitality, Tourism and Lodging

Information Technology

Manufacturing

Science, Technology, Engineering and Math (STEM)

Transportation, Distribution and Logistics

CAREER AND READINESS DEVELOPMENT

LINCOLN C.A.R.D. SHOP

Year-long course

Credit: 1.0

Grades: 9-12

Students develop, through the making and selling of cards, career skills such as cooperation, responsibility, honesty, workmanship, and positive work attitude. Students in C.A.R.D. Shop stamp cards and other items by following templates and creating original designs. Cards are made to sell in area shops and at local craft fairs. C.A.R.D. Shop also offers opportunities for students who aspire to work with people with disabilities in a teacher assistant role.

ENGLISH

4 Credits required for graduation

ENGLISH 9

Year-long Course

Credit: 1.0

Graduation Requirement

This course is designed for all ninth grade students. Students will improve skills in areas of language, research, speech, and media creation and presentation.

The course of study will integrate the following forms of communication:

1. Language: Grammar, usage, mechanics and vocabulary.
2. Speech: Writing and delivering speeches of persuasion, demonstration, and information.
3. Writing: The writing process of prewriting, drafting, revising, and editing.
4. Research: The MLA format and documentation of a formal research paper.
5. Media: Word-processing, Internet use, various electronic presentation modes.
6. Literature:
 - o Short stories: reading, analyzing, and writing short stories
 - o Novels: Including *The Compound*, by S. A. Bodeen and *To Kill a Mockingbird*, by Harper Lee.
 - o Drama: Shakespeare's *The Tragedy of Romeo and Juliet*.
 - o Poetry: Reading, analyzing, and writing poetry.
 - o Nonfiction: Reading, analyzing, and writing about nonfiction topics.

ENGLISH 10

Year-long course

Credit: 1.0

Graduation Requirement

This course is designed for all tenth grade students. Students will improve skills in the areas of language, research, writing, reading, speech, and media creation and presentation. Specifically, students will take part in the intensive study of:

1. Language: Grammar, usage, mechanics, and vocabulary
2. Research and Technical Writing: The writing process, MLA format and documentation, formal research paper
3. Speech: Preparing and delivering speeches of persuasion, demonstration, and information
4. Media: Use of word processing, Internet use, and various electronic presentation modes
5. Literature including short stories, poetry, non-fiction selections, Shakespeare's *The Taming of the Shrew*, and novels *Of Mice and Men* and additional novel TBD.

ENGLISH 11

Year-long course

Credit: 1.0

Graduation requirement (or Adv. English 11)

Students will improve skills in areas of language, research, speech, and media creation and presentation. The course of study will integrate the following forms of communication:

1. Language: Grammar, usage, mechanics and vocabulary.
2. Speech: Writing and delivering speeches of persuasion, demonstration, and information.
3. Writing: The writing process of prewriting, drafting, revising, and editing.
4. Research: The MLA format and documentation of a formal research paper.
5. Media: Word-processing, Internet use, various electronic presentation modes.
6. Short stories: Reading, analyzing, and writing short stories
7. Novels: Including *Chew on This* and *The Adventures of Huckleberry Finn*.
8. Poetry: Reading, analyzing, and writing poetry.
9. Nonfiction: Reading, analyzing and writing about nonfiction topics.

ADVANCED ENGLISH 11

Year-long course

Credit: 1.0

Grades: 10-11

Prerequisite: Must have an 87 B- ave. or above in English 9 & 10.

This course is intended for the student who is planning to attend college. Students will improve skills in areas of language, research, speech, and media creation and presentation. The course of study will integrate the following forms of communication:

1. Language: Grammar, usage, mechanics and vocabulary
2. Speech: Writing and delivering speeches of persuasion, demonstration, and info.
3. Writing: The writing process of prewriting, drafting, revising, and editing.
4. Research: The MLA format and documentation of a formal research paper
5. Media: Word processing Internet use, various electronic presentation modes
6. Literature:
 - Short stories: Reading, analyzing American literature that traces significant works from the ~Puritan period to contemporary writings.
 - Novels: Including *Adventures of Huckleberry Finn* and *Alas, Babylon*.
 - Poetry: Reading, analyzing, and writing poetry.
 - Nonfiction: Reading, analyzing and writing about nonfiction topics.

ENGLISH 12

Year-long course

Credit: 1.0 **Graduation Requirement (or Adv. Eng. 12)**

Students will improve skills in the areas of language, research, speech, and media creation and presentation. These skills are general skills that will apply to students heading into a variety of careers. Specifically, students will take part in the intensive study of:

1. Language: Grammar, usage, mechanics, and vocabulary
2. Research: The writing process, MLA formatting and documentation, formal research paper
3. Speech: Preparing and delivering speeches of persuasion, demonstration, and information
4. Media: Use of word processing, Internet use, and various electronic presentation modes
5. Literature: Multicultural Short Stories and Poetry, Shakespeare's *Macbeth*, and *Tuesdays with Morrie*

ADVANCED ENGLISH 12

Year-long course

Credit: 1.0 **Graduation Requirement (or English 12)**

This course is intended for the student who is planning to attend college. **Students who intend to take this course must have an 87% (B-) or above final grade in English 9-11, or permission of the instructor.** This course addresses many of the typical assignments and topics covered in a first year college literature course. Close reading skills will be developed as students explore world literature. This course also addresses many topics covered in a first year college writing course. Students will prepare and write papers of analysis, argumentation, persuasion, and criticism. Specifically, students will take part in the intensive study of:

1. Literature: British literature including the origins of the English language and literature tradition, both fiction and nonfiction, Shakespeare's *Macbeth*, novels including *The Great Gatsby*
2. Formal Writing: Including literary analysis of course material, research paper with MLA formatting and documentation guidelines
3. Language: Skills required for writing, mechanics, usage, and vocabulary
4. Media: Use of word processing, Internet use, and various electronic presentation modes

ENGLISH COMPOSITION

Semester Course Credit: 0.5 Grades 12 (11 with instructor approval)

***Course may be available for the 2017-18 school year. Students will receive 3 transcribed credits through CVTC (English Composition I). Many four-year UW Universities also will accept this course in place of College Writing.**

Course Abilities

- Use effective communication skills
- Demonstrate ability to think critically
- Demonstrate to work independently
- Value self and work ethically with others in a diverse population
- Use technology, online writing platforms, and software effectively

Course Competencies

- Establish document purpose
- Apply audience analysis techniques
- Employ rhetorical strategies
- Generate ideas for writing
- Research outside sources
- Synthesize information from sources

ENGLISH LITERATURE 12

Semester Course Credit: 0.5 Grades 12 (11 with instructor approval)

***Course may be available for the 2017-18 school year.**

This course will focus on the literature side of the Language Arts field. We will focus on close reading, comprehension, critical thinking, and discussion. This course will talk in depth about literary devices such as plot, characters, theme, conflict, word choice, etc. We will read from a variety of writers, styles, and genres, including, but not limited to British Literature, Shakespeare's *Macbeth*, and novels including *The Great Gatsby*.

FAMILY & CONSUMER SCIENCES

FOODS AND YOU

Semester Course

Credit: 0.5

Grades: 9-12

Students will explore the effect of food choices on self, family and society. Nutritional concepts are studied and students are challenged to consider whether or not they have an obligation to take control of their health by improving their eating habits. Time will be spent exploring the new “Choose My Plate” and various health related trends. We will research these trends to see if we really should be applying them to our everyday life. Lab experiences will be based on adapting everyday foods to increase nutritional value by lowering fat, cholesterol, and/or sodium without sacrificing taste.

BASIC FOODS

Semester Course

Credit: 0.5

Grades: 9-12

General food preparation concepts are studied and applied in lab situations. Students not only learn kitchen/food safety techniques and how to prepare basic foods by following a recipe; but also learn the science behind the recipe. What does this ingredient do in the recipe? What happens when I substitute another ingredient? How can I rewrite the recipe to make it meet family needs? Family economic concerns are also addressed as we consider the costs of ready-made foods versus home preparation techniques.

ADVANCED FOODS-New for 2017-18 School Year

Semester Course

Credit: 0.5

Grades 10-12

Prerequisite: Basic Foods

Did you enjoy Basic Foods? Refine your cooking skills as you continue the food preparation challenge. Make substitutions to improve/adapt recipes, create your own recipe based on food science principles, study and prepare regional and/or heritage foods, specialty breads and pastries.

PARENTING /CAREERS

Semester Course

Credit: 0.5

Grades: 10-12-**Graduation Requirement**

Parenting requires thought, hard work and careful preparation. This course will introduce you to a few of the basics necessary to work with young children. Topics include: parent readiness, recognizing developmental needs of the child, health and safety of children, and discipline techniques to guide the child's life-long development.

Part two of this course is Career Exploration. Students will examine lifestyle expectation and how that correlates with interests, work values, and personal traits. We will use various career interest tools to assist students in discovering careers that might be a good

fit for them. Time will be spent researching careers; 2-year and 4-year school options as well as completing a job shadow.

HOUSING & DESIGN (offered every other year-will be offered 2018-19)

Semester Course

Credit: 0.5

Grades: 9-12

Housing and Design will address topics such as selecting and planning living environments to meet the needs and wants of individuals and families throughout the family life cycle, considering a broad range of factors. This class will use a project-based approach that will challenge the student to consider and apply housing design concepts using available computer design programs, explain rationale for design, and integrate suggested topics into the study of individual and family concerns related to housing. Topics may include: evaluation of housing styles and layouts, locations, restrictions, and building and ownership options; contemporary housing issues, including environmental and energy concepts; impacts of technology; housing to meet special needs; elements and principles of design related to interiors, housing and architecture; blueprinting and floor planning skills; and exploration of housing-related careers.

***ASSISTANT CHILD-CARE TEACHER**

Semester Course

Credit: 0.5

Grades: 11-12

Prerequisite: Parenting/Careers or approval from instructor

This is the DPI course that will certify students to work in a licensed day care facility as an Assistant Teacher, (upon meeting state requirements) and is strongly recommended for students thinking about careers working with children. Topics studied will include childcare industry requirements, research-based childcare curriculum, health and safety concerns and licensing requirements. Students will also be trained in Sudden Infant Death Syndrome, Shaken Baby Syndrome, and Mandatory Reporting as required by state of Wisconsin to work in the childcare industry.

**Successful completion of ACCT State Certificate also provides 3 elective credits at WI Technical Colleges.*

****PERSONAL/FAMILY FINANCE**

Year- Long Course

Credit: 1.0

Grades: 10-12

****Meets 1.0 Consumer credit graduation requirement**

How does your spending habit impact our economy? How does our economy influence your decisions? Understand basic economic principles and why you need to care about decisions made by our country's leaders. Practice keeping a budget and learn how credit can be used to your advantage, or disadvantage, but has become an important part of our economy. Practice good decision making skills and learn to balance your checkbook using financial planning activities. Examine where your money goes and make sure you are spending it where you want to. We will look at major expenses of the "real world" such as housing, transportation, and insurance, and try to make sense of the initial costs versus the real costs of these necessary items in our desired lifestyles.

LEADERSHIP (FAMILY & CONSUMER)

Semester Course

Credit: 0.5

Grades: 11-12

This course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, effectively working with others, problem-solving techniques, communication skills, leadership roles, human relation skills and understanding the need for civic responsibility. Students enrolled in the course will apply these skills in dealing with peers, school administration and the community. This course will provide the foundation for a state certificate in leadership, an impressive credential as you fill out those college or job applications.

FABRICS & DESIGN I (offered every other year-will be offered in 2017-18)

Semester Course

Credit: 0.5

Grades: 9-12

Students will learn to identify and use a variety of sewing tools and terms as well as explore various textiles and their best-suited purposes. Principles learned will be applied to interior design projects, clothing, and/or craft projects. Class members will work individually or cooperatively to produce projects for home and personal use. Use of commercial patterns, as well as personal creative design will be explored. Students will need to provide fabric and notions as required for their specific projects.

FABRICS & DESIGN II

Semester course

Credit: 0.5

Grades: 10-12

Prerequisite: Fabrics & Design I

Students will continue where Fabrics & Design I left off. Continue building your sewing skills and stretching your creativity on projects that you will choose, but that also meet sewing technique requirements. Use of more complex patterns, intricate designs, and sewing skills will be demonstrated throughout this semester. Students will need to provide fabric and notions/supplies as required for their specific projects. **More “independent study” project based course.**

FOREIGN LANGUAGE

SPANISH 1

Year-long course

Credit: 1.0

Grades: 9-12

Prerequisites are: 85 or higher average (C+) in English or teacher recommendation

Students will acquire the Spanish language through personalized stories. Everyday, students will be immersed in a Spanish only environment filled with music and engaging reading and storytelling. We will study the traditions and customs in the Spanish-speaking world, focusing culturally on Spain and Costa Rica.

SPANISH 2

Year-long course

Credit: 1.0

Grades: 9-12

Prerequisite: 85 or higher average (C+) in Spanish 1.

This course is strongly recommended for students who have a growing interest in the culture and language and/or are seeking to fulfill a language prerequisite for some colleges. Upon successful completion of this course, students will be eligible to go on a trip to a Spanish-speaking country through the school. This course is conducted totally in Spanish. Students will continue to acquire the Spanish language through personalized stories, using more complex structures. Everyday, students will be immersed in a Spanish only environment filled with music and engaging reading and storytelling. Students will create engaging video projects that demonstrate their abilities. Students will start to read independently. We will study the traditions and customs in the Spanish-speaking world, focusing culturally on Spain and Mexico.

SPANISH 3/4

Year-long course

Credit: 1.0

Grades: 10-12

Prerequisite: 85 or higher average (C+) in Spanish 2/3

This course is strongly recommended for students who see the long-term benefits of learning a language and culture, and/or are seeking potential college credit. Students will continue to acquire the Spanish language through personalized stories, using more complex structures. Everyday, students will be immersed in a Spanish only environment filled with music and engaging reading and storytelling. Students will create engaging video projects that demonstrate their abilities. In addition we will incorporate intensive independent reading of very engaging novels! We will study the traditions and customs in the Spanish-speaking world, focusing culturally on Spain, Mexico, and other parts of Latin America.

MATHEMATICS

3 credits required for Graduation

PRE-ALGEBRA

Year-long course

Credit: 1.0

Grades: 9-12

Open to freshmen and sophomores who have not taken Algebra I, and received a grade lower than 82 (C) in Math 8. Emphasis is on consumer and occupational applications including integer operations, coordinate planes, ratios, proportions, percents, fraction and decimal equations, solving multi-step equations and inequalities. Four function calculators are required.

ALGEBRA I

Year-long course

Credit: 1.0

Grades: 9-12

Prerequisite: Math 8 or Pre-Algebra with an average grade of 82 (C) or above

The first year of Algebra covers variables, equations and problem solving using transformations. Students will graph and solve linear systems of equations and inequalities in two variables. Exponents are covered and polynomials, if time permits.

ALGEBRA II

Year-long course

Credit: 1.0

Grades: 9-12

Prerequisite: Algebra I

Algebra II is a branch of mathematics dealing with advanced topics in algebra. Topics covered include: Expressions, Equations, Inequalities, Functions, Graphs, Linear Systems, Quadratic Functions, Polynomials, Radical Functions, Exponential and Logarithmic Functions & Rational Functions. If time permits, topics from Sequences & Series, Conic Sections, Probability & Stats, Matrices, Periodic Functions and Trigonometry may also be covered. This course is recommended for all students interested in physical science courses, namely chemistry and physics.

GEOMETRY

Year-long course

Credit: 1.0

Grades: 9-12

Prerequisite: Algebra I

Geometry is a branch of mathematics dealing with flat surfaces (plane geometry) and three-dimensional objects (solid geometry). Surfaces and objects are studied using relationships with points, lines and angles. Definitions, postulates and theorems are also used to develop deductive proofs. Other topics include: area, volume, right triangle trigonometry and constructions.

Geometry is required for students planning a 4-year college program. Many two-year colleges and technical programs recommend geometry as well.

ADVANCED MATH

Year-long course

Credit: 1.0

Grades: 11-12

Prerequisite: Algebra I, Algebra II and Geometry

Advanced Mathematics is a science dealing with advanced topics in trigonometry and Algebra II and analytic geometry. This course is highly recommended for students who are interested in post high school courses of study involving science or mathematics careers in college or technical school. This course prepares students for topics in calculus.

CONSUMER MATH**

Year-long course

Credit: 1.0

Grades: 11-12

****Meets consumer credit graduation requirement**

Students with an 82 (C) or higher average in Algebra I or Algebra II are not eligible for this course. Juniors and seniors may elect to take this class, which will cover topics such as: banking, budgeting, loans, insurance, investments, commodity, and purchasing, family oriented math and mathematics professions.

NOTE: Despite the above requirements, admission into this class may be subject to school counselor and/or math faculty discretion.

AP CALCULUS (Project Circuit Two-way class)

Year-long course

Credit: 1.0

Grade: 12

Prerequisites: Advanced Math

AP (Advanced Placement) Calculus is an introductory calculus with elementary functions. Calculus is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, formal geometry, rectangular and polar coordinates, equations and graphs, lines and conics. Upon successful completion of the class and the AP Calculus exam, college credit **may** be awarded.

MUSIC

BAND

Year-long course

Credit: 1.0

Grades: 9-12

Membership is based on individual ability to perform on a band instrument and on the discretion of the band director. The band meets in rehearsal for one period each day, five days a week. Required performances will include concerts, various athletic events, pep assemblies and parades as scheduled. Participation in solo-ensemble competition is encouraged. Participation in jazz is available to qualified members selected by band director.

CHOIR

Year-long course

Credit: 1.0

Grades: 9-12

Choir will require daily rehearsals, 4-5 concerts during the year and large group contest. Good attendance is required. Students are encouraged to enter solo/ensemble contest to further develop individual skills. Special groups may be offered. The groups will rehearse before or after school and occasionally during choir time.

PHYSICAL EDUCATION

1.5 credits are required for Graduation

****GENERAL PHYSICAL EDUCATION- FALL**

Semester course

Credit: 0.5

Grades: 9-12

****Meets graduation requirement**

This is a general physical education class that will emphasize fall and winter sports and activities. This course may include units on archery, badminton, basketball, flag football, floor hockey, football, bocce ball, handball, horseshoes, ladder golf, pickle ball, soccer, speedball, volleyball, swimming, weightlifting and physical fitness testing. Grades are based on participation, attitude, cooperation, effort and written tests.

****GENERAL PHYSICAL EDUCATION- SPRING**

Semester course

Credit: 0.5

Grades: 9-12

****Meets graduation requirement**

This is a general physical education class that will emphasize spring and summer sports and activities. This course may include units on softball, baseball, badminton, bocce ball, golf, handball, horseshoes, ladder golf, soccer, tennis, outdoor volleyball, swimming, weightlifting and physical fitness testing. Grades are based on participation, attitude, cooperation, effort and written tests.

****HEALTH / FIRST AID 9**

Semester course

Credit: 0.5

Grade: 9-12

****Meets graduation requirement – Preferred for grade 9**

HEALTH - One quarter. This class covers the three areas of health: mental, physical and social. The units deal with such topics as: personality development, human growth and development, diseases, nutrition, ecology, consumerism, drug abuse and health related occupations. Evaluation is based on daily assignments, quizzes, unit tests and semester and final exams.

FIRST AID - One quarter. First Aid, CPR, AED, and Community Water Safety - This class deals with safety, care and prevention of accidents, illnesses, or injuries in many settings including in and around the pool area. This course will NOT qualify a person to become a lifeguard. There is an extra fee of approximately \$19 by the Red Cross for those students who would like their Red Cross First Aid/CPR and AED certification.

WEIGHT TRAINING/ CONDITIONING

Semester course

Credit: 0.5

Grades: 10-12

Students will learn how to develop a weight-training program designed around their own needs, goals, and strengths. They will learn to make connections between anatomy and weight training. Students will be evaluated on their own improvement and their ability to construct and follow an effective personal workout plan. This class will also explore other workout options such as HIIT, yoga, pilates, core workouts, plyometrics, and other means of fitness training.

AEROBICS/ FITNESS

Semester course

Credit: 0.5

Grades: 10-12

This course is designed to improve physical fitness through a variety of aerobic activities. Students will have the opportunity to experience aerobic workouts such as Zumba, Pilates, Yoga, Cardio workouts, Hip-Hop Dance, Stress Relief Exercises and many others. Students will also have the ability to choreography, design, and perform their own music videos. This course will focus on reaching individually set fitness goals throughout the entire semester. This course will also include some opportunities for guest speakers and field trips designed to help enhance your knowledge and skill in many different aerobic activities.

LIFEGUARDING

Semester Course

Credit: 0.5

Grades: 10-12

This course is offered only at certain times, typically not part of a school day but an after school activity course possibly in the summer months. You will learn the Red Cross Lifeguard program and will be able to attain your lifeguarding certification. After completing the course you will have the option to become a lifeguard aide for elementary swimming classes.

SCIENCE

3 credits required for Graduation

ASTRONOMY/ENVIRONMENTAL SCIENCE

Offered in alternate years- Will next be offered in 2018-19

Year-long Course

Credit: 1.0

Grades: 10-12

Astronomy is a semester course designed for the student who wants to investigate the inner working of the universe. This course will take advantage of latest technological advances in space exploration. Topics will include, but are not limited to, space navigation, planets, galaxies, stars, comets, asteroids and black holes. The second semester of this course will explore Environmental Science. This course is designed to give students a basic introduction to Environmental Science. Laboratory activities, mathematical solutions, historical perspectives, and everyday applications reinforce these concepts. Topics will include, but are not limited to, the living world, human population, water and land resources, energy resources and consumption, pollution and waste production, global change, and civic responsibility.

GEOLOGY

Year-long Course

Credit: 1.0

Grades: 9-12

Geology is a science that deals with the history of the earth and its life especially as recorded in rocks. Topics may include, but are not limited to: rocks and minerals; earthquakes and volcanoes; Earth history and formation; fossils; map reading; erosion and weathering; and oceanography.

PHYSICAL SCIENCE

Year-long course

Credit: 1.0

Grades: 9-12

This is an introductory course in physical science. The purpose of this course is to provide the students with knowledge of the physical world. In this course you will investigate the nature of solid, liquid, and gases; you will identify a nuclear reaction, name chemicals and learn the use of the Periodic Table. You will perform experiments that will provide clues to understanding. Primary focus of this course is to allow you to understand the chemical world and how it works. The second purpose of this course is to acquaint you with scientific methods of inquiry. Many problems faced in this world can be solved using scientific methods. **This course is recommended for students in grade 9.**

BIOLOGY

Year-long course

Credit: 1.0

Grades: 9-12

Biology is devoted to the study of living things. Throughout the year, students will gain knowledge of famous biologists, biological concepts, groups of living organisms, and laboratory techniques. Students will explore topics such as cells, genetics, evolution and classification, bacteria, protists, and animals. **This course is recommended for students in grade 10.**

PHYSICS

Offered alternate years –will be offered in 2017-18

Year-long course

Credit: 1.0

Grades: 11-12

Prerequisite: Algebra I, Algebra II with an 80% average or above. Geometry is suggested, but not required.

Physics is a physical science dealing with the nature and interrelations of matter and energy. Physics presents a complex study in the areas of force and motion, energy transformations, wave phenomena and the electromagnetic spectrum, light, electricity, fields, and non-Newtonian physics. The use of mathematics, including algebra, geometry, and trigonometry, is important, but conceptual understanding of physical systems remains a primary concern. Laboratory experiments will be conducted so that students can experience the principles of physics in action.

ANATOMY AND PHYSIOLOGY

Year-long course

Credit: 1.0

Grades: 11-12

Prerequisite: Biology with an 85% (C+) grade or higher and instructor's consent.

This course examines the basic biological concepts of structure and function of the human body. Body systems, such as the integumentary, cardiovascular, respiratory, digestive, endocrine, muscular, skeletal and reproductive will be surveyed. Special topics may include, but are not limited to, sports injuries, dissections, pathology, and medical occupations.

CHEMISTRY

Year-long course

Credit: 1.0

Grades: 10-12

Prerequisite: Algebra I with 82 or better average.

Chemistry is the physical science dealing with the structure and composition of materials and the changes in composition of these materials. The course is structured to help students study selected elements and compounds systematically and efficiently in the

classroom and then the theoretical study is carried into the laboratory for practical application. The techniques and subject matter of chemistry are shared with related fields of study in physics and biology, preparatory to advanced study in college or technical school.

SOCIAL STUDIES

3 Credits required for Graduation

CONTEMPORARY ISSUES

Semester course

Credit: 0.5

Grades: 11-12

Students will learn about political science and acquire the knowledge of political systems necessary for developing individual civic responsibility by studying the history and contemporary uses of power, authority, and governance. Emphasis will also be placed on current events. Knowledge about the structures of power, authority, and governance and their evolving functions in contemporary society is essential if young citizens are to develop civic responsibility. Young people will become more effective citizens and problem solvers when they know how local, state, and national governments and international organizations function and interact.

GENERAL PSYCHOLOGY

Semester course (Fall)

Credit: 0.5

Grades: 11-12

Students will learn about the basic principles, problems and methods that underlie the science of psychology. Studies will include research strategies, the brain, human development, learning, and memory. Learning about the behavioral sciences helps students to understand people in various times and places. By examining cultures, students will be able to compare our ways of life with those of other groups of people in the past and present. As citizens, students will learn how institutions are maintained or changed and how they influence individuals, cultures, and societies. Knowledge of the factors that contribute to an individual's uniqueness is essential to understanding the influences on self and on others.

SOCIAL PSYCHOLOGY

Semester course (Spring)

Credit: 0.5

Grades: 11-12

Social Psychology deals with social interactions, including their origins and their effects on the individual. Studies will include personality, psychological disorders, stress and illness, peer influence, and culture. Learning about the behavioral sciences helps students

to understand people in various times and places. By examining cultures, students will be able to compare our ways of life with those of other groups of people in the past and present. As citizens, students will learn how institutions are maintained or changed and how they influence individuals, cultures, and societies. Knowledge of the factors that contribute to an individual's uniqueness is essential to understanding the influences on self and on others.

****MICROECONOMICS**

Semester Course

Credit: 0.5

Grades: 10-12

****Meets 0.5 consumer credit graduation requirement**

Microeconomics looks at the smaller picture and focuses more on basic theories of supply and demand and how individual businesses decide how much of something to produce and how much to charge for it. Topics to be explored include comparative economic systems, market structures, supply and demand, and advertising. Individuals, families, businesses, and governments must make complex economic choices as they decide what goods and services to provide and how to allocate limited resources for distribution and consumption. In a global economy marked by rapid technological change, students will learn how to be better producers, consumers, and economic citizens.

****MACROECONOMICS**

Semester Course

Credit: 0.5

Grades: 10-12

****Meets 0.5 consumer credit graduation requirement**

Macroeconomics looks at the big picture. It focuses on the national economy as a whole and provides a basic knowledge of how things work in the business world. Topics to be explored include the business cycle, unemployment, fiscal and monetary policy, national debt, taxes, trade, and exchange rates. Emphasis will also be placed on investing and personal finance. Individuals, families, businesses, and governments must make complex economic choices as they decide what goods and services to provide and how to allocate limited resources for distribution and consumption. In a global economy marked by rapid technological change, students will learn how to be better producers, consumers, and economic citizens.

****U.S. HISTORY I**

Year-long course

Credit: 1.0

Grades: 9-10

****Meets graduation requirement**

Colonial Beginnings through the Reconstruction Era – United States History I takes a historical look at our nation from its colonial era through the Reconstruction period. The major premise is that the study of the nation's past will give students an understanding of the political and social history of the United States, along with economic development and

the role of the United States in the world. Understanding democratic ideas, which have helped form the American government and culture, is essential in understanding the roles and rights of American citizens.

Units of study include: The World in 1500, Colonies: Development to Revolution, American Revolution, The New Republic, National Growth, and the Civil War.

****U.S. HISTORY II**

Year-long course

Credit: 1.0

Grades: 10-12

****Meets graduation requirement**

Reconstruction to Present – United States History II picks up where U.S. History I leaves off and brings the student to the present day. Students are able to see how events of our nation’s past have come to influence the present day and how they will influence their futures. This course consists of six units covering major periods of U.S. History. Units include: Reconstruction & Changing Society, Gilded Age & Progressivism, Imperialism & World War I, 1920s & Great Depression, World War II and Aftermath, and Vietnam War & Societal Change.

WORLD HISTORY (2000 B.C. TO 1789)

Semester Course

Credit: 0.5

Grades: 9-12

The course will trace the development of Western Civilization from Classical Greece and Rome, Middle Ages, Renaissance and Protestant Reformation, Age of Exploration, Enlightenment, and Scientific Revolution. Students will understand their historical roots and how past events have shaped their world. In developing these insights, students will learn what life was like in the past and how things have changed and developed over time. Reconstructing and interpreting historical events provides a needed perspective in addressing the past, the present, and the future.

WORLD HISTORY (1789 - Present day)

Semester Course

Credit: 0.5

Grades: 9-12

The course will trace the development of Western Civilization from the French Revolution, Industrial Revolution, Age of Imperialism, World War, leading up to present day. Students will understand their historical roots and how past events have shaped their world. In developing these insights, students will learn what life was like in the past and how things have changed and developed over time. Reconstructing and interpreting historical events provides a needed perspective in addressing the past, the present, and the future.

STUDENT SERVICE

PEER TUTOR

Semester Course

Credit: 0.25

Grades: 10-12

Prerequisite: Good academic standing and the consent of the school counselor and classroom teacher.

Students may work in regular education classrooms or special education classrooms. Students will assist the classroom teacher by: listening to book reports; assisting with art projects; one-to-one help in reading, math, etc; small group activities; play supervision. Activities will vary.

TECHNOLOGY EDUCATION

CAD I- (COMPUTER AIDED DRAFTING)

Year-Long Course

Credit: 1.0

Grades: 9-12

During this course, students will explore their creativity while developing their visual and architectural abilities. Students will learn to re-create 3-dimensional floor plans and design new and innovative ideas. Students will study computer-aided design techniques and principles in a classroom setting that utilize self-paced activities and projects. Students will become familiar with and demonstrate numerous drafting skills using updated CAD software called Revit Architecture. Students will also create a designers notebook using the creations throughout the class, which will be documented in a portfolio format.

CAD 2

Year-Long Course

Credit: 1.0

Grades: 10-12

Prerequisite: Computer-Aided Drafting (CAD 1)

This class is a continuation of CAD 1 and an accelerated design class that will use application projects, including 3D engineering. During this course, students will utilize the skills and concepts covered and learned in the prerequisite class to design and construct commercial blueprints using Revit Architecture.

CONSTRUCTION I

Semester Course

Credit: 0.5

Grades: 10-12

Prerequisite: Woodworking 1

This course is designed for students interested in careers relating to the architectural fields and building construction industry. During this course, students will learn through

coursework that includes simulation activities or real-life experiences. Students will experience activities relating to new construction, remodeling, plumbing, residential wiring or other related skills. Students will work in an environment that will help them recognize and demonstrate skills, behaviors, and work ethics expected in today's workforce.

CONSTRUCTION 2

Semester Course

Credit: 0.5

Grades: 10-12

Prerequisite: Woodworking 1 and Construction 1

A continuation of Construction 1, this course is to further a student's skills as if they were going into a career in construction. Through coursework and lab activities, students will get hands on experience that will better prepare them for the world of work.

CONSTRUCTION 3 (will not be offered for the 2017-18 school year)

Fall Semester Course

Credit: 1.0

Grades: 11-12

Two Hour Block Class

Prerequisites: A minimum of a 83 average in Woodworking 1, Construction 1 and 2.

This course is designed for junior and senior students interested in careers relating to the architectural fields and building construction industry. Only 9 students will be accepted into the course through a selection process due to the assigned mini-bus capacity. During this course, students will learn through coursework that includes real-life experiences at job-sites throughout our own communities aligned with classroom lecture and preparation. At these job-sites, students will experience projects relating to new construction/additions, remodeling, landscaping or other related task. Students will work in an environment that will help them recognize and demonstrate skills, behaviors, and work ethics expected in today's workforce. A minimum of two students for each project will be selected to be supervisors of their fellow students, providing them opportunities to experience leadership roles similar to actual work settings including setting deadlines, managing materials, delegating tasks, monitoring quality, and completing daily employee evaluations. Some past project examples are garages, decks, remodeling, painting, and building platform structures for the drama club, and various school projects. If construction work is limited in the community, students will design and build a model home using real materials. Fee: Students are required to purchase basic construction tools (tape measure, utility knife, framing hammer, square, chalk line, and work belt).

WOODWORKING 1

Semester Course

Credit: 0.5

Grades: 9-12

Are you interested in any career that involves problem solving, planning, designing, and craftsmanship? During this course, students will study basic woodworking skills including planning and designing, selecting and identifying materials, wood lab safety, and machine operation. Students will become familiar with and demonstrate skills using multiple hand tools, power tools and machine tools operation. Students will spend a large majority of time in the wood lab experiencing the value of quality and craftsmanship while completing hands-on projects. Laboratory activities will include creating woodworking projects that students can take home and cherish for many years. Students will also experience field trips and tours of local sawmill, lumberyards, and retail stores selling furniture and woodworking items.

WOODWORKING 2

Semester Course

Credit: 0.5

Grades: 9-12

Prerequisites: Woodworking 1

Are you interested in any career that involves problem solving, planning, designing, and craftsmanship? During this course, students will use basic skills learned in Woodworking 1 to challenge themselves with a basic project of choice or selecting from sample projects completed by students in the past. Students will either use resources to find step-by-step designs and plans, or develop their own designs that express creativity. Students will learn skills using multiple hand tools, as well as operating power tools and machine tools. Students will spend a large majority of time in the wood lab experiencing the value of quality and craftsmanship while completing hands-on projects. Laboratory activities will be selected by the student but limited to a skill level that matches the student's abilities. ***Fee: Students are responsible for the cost of their chosen projects.***

WOODWORKING 3

Year-long course

Credit: 1.0

Grades: 10-12

Prerequisites: Woodworking 1 and Woodworking 2 and an average of 87%

Are you eager to be challenged to design and make your own advanced project that could last for many years? During this course, students will broaden their woodworking skills by challenging themselves with more advanced projects of choice. Students will be involved in the planning and designing of more complex projects utilizing more woodworking machines at a higher level. Students will enhance their skills through larger projects requiring more time and knowledge of woodworking concepts. Students will spend a large majority of time in the wood lab experiencing the value of quality and craftsmanship while completing hands-on projects. Laboratory activities will be selected by the students and approved by the instructor. Learning and having fun creating woodworking projects, which students can take home and cherish for many years, is an exciting opportunity. Students will also experience field trips and tours of local sawmill, lumberyards, and retail stores selling furniture and woodworking items. ***Fee: Students are responsible for the cost of their chosen projects.***

***WELDING I**

Offered alternate years – offered in 2016-17 (will be offered in the fall of 2017)**

Semester Course

Credit: 0.5

Grades: 9-12

Students will become familiar with and demonstrate skills using a variety of welding and metal forming processes. Laboratory activities will include the use of the oxy-acetylene torch, plasma cutting machine, and a variety of welding processes including arc, wire feed and TIG welding. During this course, students will study and apply basic problem-solving skills through a combination of course study and hands-on activities in a welding shop setting. Students will have the opportunity to work on engaging projects either individually or as a group. This class can be very beneficial for any students who may be interested in continuing education beyond high school.

WELDING II

Offered alternate years – offered in 2017-18

Semester Course

Credit: 0.5

Grades: 10-12

Prerequisites: Welding 1

This course is intended to expand metalworking skills for students. Students will demonstrate learned welding skills using a variety of welding and metal forming processes through planned metalworking projects. Laboratory activities will include welding and fabrication projects demonstrating the use of multiple welding and metalworking machines. During this course, students will study and apply basic problem-solving skills through a combination of course study and hands-on activities in a metal lab setting. Students will have the opportunity to work on engaging projects either individually or as a group. This class can be very beneficial for any students who may be interested in continuing education beyond high school. **Fee - Students are responsible for the cost of their chosen project.**

PRINCIPLES OF ENGINEERING (will not be offered for the 2017-18 school year)

Semester Course

Credit: 0.5

Grades: 9-12

Are you creative and good at making things with your hands? During this course, students will study and apply basic problem-solving skills through a combination of course study and hands-on activities in a lab setting. Students will have the opportunity to work on engaging projects either individually or as a group. Engineering principles and concepts are a large part of what surrounds us every day. Students will become familiar with and demonstrate skills using SolidWorks software (3D computer-aided design) techniques and principles relating to creating 2 dimensional orthographic and auxiliary drawings. This class can be very beneficial for any students who may be interested in continuing education beyond high school. Laboratory activities will include designing and building numerous projects that will be educational, engaging, and rewarding. Students will also create a designers notebook using the creations throughout the class.

HOME AND AUTO CARE (will not be offered for the 2017-18 school year)

Semester Course

Credit: 0.5

Grades: 11-12

Are you interested in learning to care for one of your largest investments? During this course, students will study and apply basic skills to maintain homes and vehicles along with preventative maintenance practices. Students will apply problem-solving techniques through a combination of course study and hands-on activities in a lab setting. Students will have the opportunity to work on engaging projects either individually or as a group. This class can be very beneficial for any students who currently owner of a vehicle or have a dream to be a homeowner in the future.

VIRTUAL EDUCATION CLASSES

PROJECT CIRCUIT 2-WAY TV-OR INTERNET CLASSES

***These classes require an 87% GPA or higher for registration**

There are four divisions to Virtual Education classes:

- 1. High School to High School**
- 2. Technical College**
- 3. University**
- 4. Advanced Placement**

Using non-traditional forms of delivering instruction such as VIRTUAL EDUCATION has greatly increased the options available to our students. However, it does involve a significant **added expense** to the district. Because of this added expense, we need to be assured that all **students who take these courses are highly motivated** to achieve and are willing to put forth their best effort.

All virtual education classes require an application form. On this form, there is a parent signature line that states **the family agrees to reimburse Lincoln High School the entire cost for any class that is dropped or earns below an 82%**. The cost of these classes ranges from \$50 to \$1700 per class, which the district pays if the student earns an 82% or higher.

Because of the nature of these classes (no direct one-on-one contact with the teacher) students intending to enroll in these classes need to:

1. Be self-motivated
2. Be able to work independently
3. Be willing to do homework EVERYDAY!
4. Have a history of completing assignments on time
5. Be reliable and trustworthy; not in need of close supervision

TECHNICAL COLLEGE CLASSES

Certified technical college instructors, using technical college books and materials, teach these classes. Upon successful completion of these courses, students receive dual credit (Lincoln High School and technical college). Students need to contact the post-secondary school and obtain a written college transcript so they transfer credit to the college level.

***The following is a list of possible courses offered for the 2016-17 school year**

- Medical Terminology
- Introduction to Sociology
- Introduction to Psychology
- Marketing or Marketing Principles
- Technical Math

UNIVERSITY CREDIT COURSES

Students will receive dual credit (high school and university) if they earn a passing grade. These classes require intense study of material (**30-60 minutes of daily homework**). Because of the academic rigor of these classes, students must be highly motivated and have a history of achievement in previous classes in their area of study!

Admission prerequisites:

- Must be a high school junior or senior
- Must be in the **top 25%** of their class **OR** must be in the top 50% of their class with a composite of 24 or higher on ACT.

ADVANCED PLACEMENT CLASSES

These classes allow high school students the opportunity to earn four-year university credit participating in an intellectually challenging environment. For each course, students are expected to take the College Board Exam, which is administered in May. Each AP exam consists of a multiple-choice portion and an essay portion. The exam is scored from 1-5 (5 being the highest). Most UW-System schools grant credit for scores of 3 or higher. Students should expect to study a minimum of **30-60 minutes a night** if they expect to be successful.

ADVANCED PLACEMENT QUALIFICATIONS

Once students have exhausted the options offered in our High School or when they demonstrate an ability to move into a college level course, Advanced Placements classes are available. Because we want our students to be ready for this challenge we use the following criteria to determine if the student is ready for Advanced Placement:

1. GPA of 94% (A-) in the classes taken in the content area **OR** teacher recommendation in the content area.

ADVANCED PLACEMENT COURSES – via 2-Way TV

These classes will vary based on availability and distance learning schedule from CESA 10.

YOUTH OPTIONS

Qualifying junior or senior students may take advantage of “Youth Options”. Interested students need to fill out DPI form PI – 8700A by March 1 for first semester classes and October 1 for second semester classes. I

Consult with your school counselor for available courses that qualify under Youth Options.

NON DISCRIMINATION OR HARASSMENT COMPLAINT PROCEDURE
(Short Version)

If any student believes that they have been harassed or discriminated against by another student or employee of the District, they are encouraged to report the incident(s) to any teacher or administrator. The District encourages informal resolution of complaints through a third party facilitator. Both the complaining student and the alleged harasser may be accompanied by a parent/guardian through this process. If this informal procedure is inadequate or unsuccessful, a student may bring or send a formal written complaint to the Administration Office at the following address:

Superintendent - School District Office
PO Box 308
Alma Center, WI 54611

Step 1: A written complaint, detailing the circumstances of the incident or pattern of behavior shall be presented to the Superintendent. The Superintendent shall send written acknowledgment of receipt of the complaint within twenty days.

Step 2: A written determination of the complaint shall be made within twenty days of receipt of the complaint unless both parties agree to an extension.

Step 3: If a complainant wishes to appeal a negative determination by the board, he/she has the right to appeal the decision to the state superintendent within thirty days of the board's decision. In addition, the complainant may appeal directly to the state superintendent if the board has not provided written acknowledgments within twenty days of receipt of the written complaint. Appeals should be addressed to:

State Superintendent - Wisconsin
Department of Public Instruction
25 South Webster Street, PO Box 7841
Madison, WI 53701