



Lennox High School
2022-23
Registration Guide

“Every School...Every Student...Every Day”

Table of Contents

Introduction to Registration.....	1
Regents Scholars/South Dakota Opportunity Scholarship	2
Admission Requirements for Universities/Technical Institutes.....	3
Dual Credit.....	4
Course Codes	5
Registration Guide Index by Department.....	6-7
Business Department.....	8
Computer Department.....	9
Employment Skills/Resource	9-11
English Department.....	12-15
Fine Arts Department.....	16-18
Foreign Language Department.....	19
Mathematics Department.....	20-22
Physical Education/Health Department.....	22
Science Department.....	23-25
Social Studies Department.....	26-27
Career and Technical Education Department.....	28-32
LHS Graduation Requirements.....	33
LHS Graduation Checklist.....	34
Course sign-up worksheet.....	35

Welcome to Lennox High School

Lennox High School addresses our mission “Preparing each student to succeed in an ever changing world” by offering a range of quality classes for students. We are excited about guiding our students toward a successful future.

Introduction to Registration

The purpose of this registration book is to enable Lennox High School students with the help of their parents, teachers, counselor and principal to develop the proper course selection which best meets the students’ needs. Students should select the program of study that correlates with their interests and abilities, and leads to the achievement of personal, educational and career goals. Students are encouraged to select courses that will stretch and challenge them, enabling them to explore all available opportunities.

All students (grades 9-11) must carry 6 class assignments each semester in addition to the required SRB. **Seniors must be in school each day and take a minimum of 6 class assignments per semester.** All students involved in activities must PASS a minimum of 2.0 credits per grading period. Refer to the graduation requirement information, as well as the information on college admission requirements.

Carefully plan your schedule and complete your registration worksheet. Each student will register with help from a teacher, principal or counselor.

NOTE: If a required subject is failed, it MUST be repeated.

Important Notice for Graduation Requirements

It is the student’s responsibility to know if all requirements for graduation and college entrance are being met. It’s the student’s responsibility to understand the requirements to become a Regents Scholar and qualify for the Opportunity Scholarship. It is the student’s responsibility to register for the courses required for each grade level. Your teachers, counselor or principal are very willing to help you decide if your registration supports your career plans and graduation requirements.

Regent Scholars Requirement – see Advanced Honors Diploma

The ultimate responsibility for a proper registration rests with you, the student.

South Dakota high school graduates completing the following high school courses with no final grade below a “C” (2.0 on a 4.0 scale) and an average grade of “B” (3.0 on a 4.0 scale) shall be designated as Regents Scholars and shall be eligible to receive a Regents Scholar Diploma upon request by a high school administrator to the Department of Education. High School graduates designated as Regents Scholars automatically are admitted to all six public universities.

The courses required for a Regents Diploma are:

- **4 units of English.** Courses with major emphasis upon grammar, composition, or literary analysis; one year of debate instruction may be included to meet this requirement.
- **4 units of algebra or higher mathematics:** Algebra, geometry, trigonometry, or other advanced mathematics, including accelerated or honors mathematics (algebra) provided at the 8th grade level; not included are arithmetic, business, consumer or general mathematics or other similar courses.
- **4 units of science, including 3 units of approved laboratory science:** Courses in biology, chemistry, or physics in which at least one (1) regular laboratory period is scheduled each week. Qualifying physical science or earth science courses (with lab) shall be decided on a case by case basis.
- **3 units of social studies:** History, economics, sociology, geography, government—including U.S. and South Dakota, American Problems, and similar courses.
- **2 units of either of the following or a combination of the two:**
 - **Approved career and technical education courses;**
 - **Modern or Classical Language (includes American Sign Language).**
- **1 unit of fine arts:** Coursework in art, theatre or music. Such credit may be in appreciation, analysis, or performance.

South Dakota Opportunity Scholarship Requirement

See Advanced Honors Diploma

To be considered for the scholarship you must be a resident of South Dakota at the time of graduation, have an ACT composite score of 24 or higher (or a combined verbal and mathematics SAT score of at least 1090), attend a university, college, or technical school accredited by the North Central Association (NCA) that provides instruction from a S.D. campus, enter into a program within 5 years of high school graduation, or 1 year of release from active duty military service (within 5 years of graduation). (Students seeking to transfer from a regionally accredited university, college, or technical school outside of South Dakota may do so within two years following high school graduation and be eligible to receive partial award.)

Complete the curriculum with no final grade below a C (C- is not accepted) and a cumulative GPA of 3.0 on a 4.0 scale:

- **4 units of English.**
- **4 units of algebra or higher mathematics.**
- **4 units of science, including 3 units of approved laboratory science.**
- **3 units of social studies.**
- **2 units of either of the following or a combination of the two:**
 - **Approved career and technical education courses;**
 - **Modern or Classical Language (includes American Sign Language).**
- **1 unit of fine arts.**
- **½ unit of personal finance or economics.**
- **½ unit of physical education.**
- **½ health or health integration.**

The curriculum requirements specified above are not required for any student who has received a composite score on the ACT of at least 28 and meets the ACT college readiness benchmarks scores equaling or exceeding 18 for English, 22 for Reading, 22 for Math and 23 for Science.

Students seeking to determine whether coursework will be counted are encouraged to talk to the school counselor.

Requirements for Freshman College Entrance at a South Dakota College or University – Advanced or Advanced Honors Diploma

To be a candidate for admission to a baccalaureate degree program, students must achieve one of the following:

- Graduate in the top 60% of their high school graduation class (University of South Dakota – top 50%).
- Achieve an ACT composite score of 18 or above (University of South Dakota – 21)
- Earn a cumulative GPA of at least a 2.6 on a 4.0 scale.

Along with one of the previous requirements you must complete the following required courses with a cumulative GPA of a “C” or higher (2.0 on a 4.0 scale):

- **4 credits of English;** or ACT English sub-test score of 18 or above; or AP English score of 3 or above.
- **3 credits of Advanced Mathematics*;** or ACT Math sub-test score of 20 or above; or AP Calculus score of 3 or above.
- **3 credits of Laboratory Science**;** or ACT Science Reasoning sub-test score of 17 or above; or AP Science score of 3 or above.
- **3 credits of Social Science;** or ACT Social Studies/Reading sub-test score of 17 or above; or AP Social Studies score of 3 or above.
- **1 credit of Fine Arts;** or AP Fine Arts score of 3 or above.

* Advanced Math must be algebra or any higher level math course.

** Lab Science must be biology, chemistry, physics or approved physical science course.

Students are advised to check the requirements of each college of interest, particularly the foreign language, science and math requirements, since they vary from school to school.

Admission Requirements for SD Technical Institutes

Post-secondary technical institute admission is based on individual program requirements. All applicants must submit a high school transcript and standardized test scores. Students who plan on pursuing technical education are advised to enroll in academically challenging subjects at the high school level, especially math, science and computers.

The state-funded post-secondary technical institutes in South Dakota are:

Lake Area Technical Institute – Watertown

Mitchell Technical Institute – Mitchell

Southeast Technical Institute – Sioux Falls

Western Dakota Technical Institute- Rapid City

Registering for Dual Credit Courses

Dual credit is an opportunity for high school students who meet admissions standards to enroll in public postsecondary institutions, including technical schools and universities, in South Dakota and simultaneously earn credits for both their high school diploma and postsecondary degree or certificate.

Coursework is available online or on-campus to students in grades 11-12 at the state authorized per credit rate. Students are responsible for the cost of the course credits and any required textbooks or related course materials.

Eligibility Requirements for ***University Level Dual Credit***:

1. High school junior:

- a. Earn an ACT composite score of 24 reflective of the 70% percentile; or
- b. Rank in upper one-third of their graduating class; or
- c. Earn a cumulative GPA of at least 3.50 on a 4.0 scale;

2. High school senior:

- a. Earn an ACT composite score of 21 reflective of the 50% percentile; or
- b. Rank in the upper one-half of their graduating class; or
- c. Earn a cumulative GPA of at least 3.25 on a 4.0 scale

Eligibility Requirements for ***Technical School Dual Credit***:

1. Minimum 3.0 GPA
2. 1 class allowed per semester
3. Course failure will eliminate future DC opportunities

Class	Code	Class	Code
Accounting 1	Bu 200	English 3 Lit	LA301
Accounting 2	Bu 201	English 3 Comp	LA300
Adv. Animal Science	Ag	English 4 Lit	LA401
Adv. Painting	FA505	English 4 Comp	LA400
Advanced Ceramics	FA509	Family Life	VC513
Adv. Drawing	FA503	Family/Consumer Science	VC510 a/b
Advanced Biology A	SC500 a/b	Fun, Food and Fitness	
Advanced Physics	3152 a/b	General Applied Math	MA100 a/b
Advanced Chemistry	SC501 a/b	Geography	SS200
Advanced Communications	LA500a	Geometry	MA201 a/b
Ag 1 - Intro to Ag	Ag 100 a/b	Geometry One	MA202 a/b
Ag 2 – Plant / Animal Science	Ag 200 a/b	Government a/b	SS400 a/b
Ag 3 – Natural Resources / Horticulture	Ag 300 a/b	Guitar 1 / Advanced Guitar	05108
Ag 4 - Ag Bus. Management /Ag Mechanics	Ag 400 a/b	Health	PE102
AG Power (Ag Systems Tech)	Ag 600	Ind. Living	VC515
Algebra 1	MA102 a/b	Intro to Bldg Trades	VC500a
Algebra One	MA103 a//b	Intro to Business	BU100
Algebra 2	MA300 a/b	Intro to Drafting and Design	VC504a
Algebra Two	MA301 a/b	Library Science	22053
Anatomy-Physiology	SC502 a/b	Lifetime Fitness	PE500
AP Calculus	MA401 a/b	Lit 1	LA103
Applied Health	SC509	Lit 2	LA203
Applied Welding	AG501	Lit 3	LA303
Arch. Drafting and Design	VC504b	Lit 4	LA403
Band	FA506 a/b	Mixed Choir	FA507
Biology	SC200 a/b	Modern America	SS301
Building Construction	VC503 a/b	Music History	05116
Ceramics	FA508	Multimedia Design	CS506
Chemistry	SC300 a/b	Newswriting	LA505 a/b
Child Development	VC512	Novels A/B	LA511
Colonial America	SS506	Oral Communication /Speech	LA205
Color Guard	CLGRD	Painting 1	FA504
Comp 1	LA102	Personal Computer	CS100
Comp 2	LA202	Personal Finance	BU401
Comp 3	LA302	Physical Education	PE100
Comp 4	LA402	Physical Science	SC100 a/b
Concert Choir	FA511 a/b	Physics	SC505 a/b
Civics	SS100	Piano 1 / Advanced Piano	05107
Creative Writing	LA 501	Pre-Algebra	02051 a/b
Culinary Arts 1	VC516	PreCalculus	MA400 a/b
Debate	LA204	Printmaking	FA520
Design 1	FA500	Programming	CS504
Drawing 1	FA502	Psychology	SS501
Earth Science	SC506	Pub. Production/Yearbook)	LA506 a/b
Earth Science 2	SC510	South Dakota History	SS600
Economics	BU400	Senior Math	MA305 a/b
Emerging America	SS300	Short Story A/B	LA509
Employment 1	SE200 a/b	Sociology	SS503
Employment 2	SE300a/b	Spanish 1	FL503 a/b
Employment 3	SE400a/b	Spanish 2	FL 504 a/b
Employment 4	SE401 a/b	Spanish 3	FL505 a/b
English 1 Comp	LA100	Statistics and Probability	MA501
English 1 Lit	LA101	Welding	AG500
English 2 Comp	LA200	Wood Tech 1	VC501 a
English 2 Lit	LA201		

		Wood Tech 2	VC502
		World History	SS201

REGISTRATION GUIDE INDEX BY DEPARTMENT

COURSE NAME-COURSE #	PREREQUISITES	CLASS RECOMMENDATION	CREDIT
BUSINESS DEPARTMENT			
Economics-BU400		12	½
Personal Finance-BU401		12	½
Intro to Business – BU100		9-12	½
Accounting 1 – BU200		10-12	½
Accounting 2 – BU201	Accounting 1		10-12 ½
COMPUTER DEPARTMENT			
Personal Computer-CS100		9	½
Multimedia – (combine Digital and Visual) CS506		10-12	½
Programming CS504		10-12	½
Advanced Programming			
EMPLOYMENT SKILLS/RESOURCE			
Employment Skills 1		9	½
Employment Skills 2	Employment Skills 1	10	1
Employment Skills 3	Employment Skills 2	11	1
Employment Skills 4	Employment Skills 2 & 3	12	1
Life Skills English	Instructor	9-12	½
Life Skills Math	Instructor	9-12	½
Reading 1	Instructor	9	½
ENGLISH DEPARTMENT			
Advanced Communications-LA500a/b	Debate 1 or C+ in Oral	10-12	½
English 4 Lit/Lit 4-LA401/LA403		12	½
English 4 Comp/Comp 4-LA400/LA402		12	½
Eng. 3 – Composition/Comp 3 -LA300/LA302		11	½
English 3 Lit/Lit 3 - LA 300/LA303		11	½
Creative Writing-LA501		10-12	½
Debate-LA204	(qualifying G.P.A.)	9-11	½
English 1- Lit/Lit 1 - LA101/LA103		9	½
English 1- Comp/Comp 1 - LA100/LA102		9	½
English 2- Comp/Comp 2 -LA200/LA202		10	½
English 2 – Lit/Lit LA201/LA203		10	½
Library Science		15	1/2
Newswriting LA505a/b	Instructor	11-12	½
Novels A-LA510		11-12	½
Novels B-LA511		11-12	½
Oral Communications-LA205		10	½
Publications Production-LA506a/b	Newswriting/Instructor	11-12	1
Short Story A-LA508		10-12	½
Short Story B-LA509		10-12	½
FINE ARTS DEPARTMENT			
Advanced Ceramics-FA509	Ceramics	11-12	½
Advanced Drawing-FA503	Drawing	10-12	½
Advanced Painting-FA505	Painting	10-12	½
Ceramics-FA508	Drawing	10-12	½
Design-FA500		9-12	½
Drawing-FA502	Design	9-12	½
Instrumental Music-FA506a/b		9-12	½
Concert Choir-FA511a/b		9-12	½
Painting-FA504	Design	9-12	½
Mixed Choir-FA507a/b		9-12	½
Printmaking		10-12	½
Guitar (Adv. Guitar)		9-12	½
Music History		9-12	½
Piano (Adv. Piano)		9-12	½
FOREIGN LANGUAGE DEPARTMENT			
Spanish 1-FL503a/b		9-12	1
Spanish 2-FL504a/b	C or higher in Spanish 1	10-12	1
Spanish 3-FL505a/b	C or higher in Spanish 2	11-12	1

COURSE	PREREQUISITES	CLASS RECOMMENDATION	CREDIT
MATHEMATICS DEPARTMENT			
Algebra 1-MA102a/b		9	1
Algebra 2-MA300a/b	Geometry	10-11	1
AP Calculus-MA401a/b		12	1
Algebra One -MA103a/b		9-10	1
Algebra Two-MA301a/b			1
General Applied Math-MA100a/b		9	1
Geometry-MA201a/b	Algebra 1	9-10	1
Geometry One-MA202a/b	Algebra 1/Instructor		1
Precalculus-MA400a/b		12	1
Pre-Algebra			
Statistics & Probability-1MA501		11-12	½
PHYSICAL EDUCATION/HEALTH DEPARTMENT			
Health- PE102	6-8 Health covers requirement	9	½
Lifetime Fitness		10-12	1/2
Physical Education-PE100		9	1/2
SCIENCE DEPARTMENT			
Advanced Biology a/b-SC500 a/b	Biology	11-12	½
Advanced Chemistry-SC501a/b	Chemistry, Algebra 2	11-12	1
Advanced Physics			
Advanced Pioneering Exploratory			
Science-SC511	(qualifying GPA/Math/Science)	11-12	½
Anatomy/Physiology-SC502a/b	Biology, Chemistry	11-12	1
Applied Health Sciences -SC509		10-12	½
Biology -SC200a/b		10	½
Chemistry-SC300a/b	Geometry	11-12	1
Earth Science-SC506		10-12	½
Earth Science 2-SC510		11-12	½
Physical Science-SC100a/b		9	1
Physics-SC505a/b	Algebra 2	11-12	1
SOCIAL STUDIES DEPARTMENT			
Emerging America (Hist A)-SS300		11	½
Geography-SS200		9	½
Government a/b-SS400 a/b		11-12	½
Modern American History (Hist B)-SS301		11	½
Psychology-SS501		11-12	½
Sociology-SS503		10-12	½
World History-SS201		9	½
Civics SS100		9-12	½
South Dakota History SS600		9-12	½
CAREER AND TECHNICAL EDUCATION DEPARTMENT			
<u>AGRICULTURE</u>			
AG 1-Introduction to the Ag Industry-AG100a/b		9	1
AG 2-Applied Plant/Animal Science-AG200a/b	Ag 1/Instructor	10-12	1
AG 3- Natural Resources / Horticulture-AG300a/b	Ag2/Instructor	11-12	1
AG 4-Ag Management / Mechanics-AG400a/b	Ag 3/Instructor	12	1
Agricultural Welding(Metal Fab)-AG500		11-12	½
Applied Welding (Adv. Metal Fab)-AG501	Agricultural Welding	11-12	½
Advanced Animal Science		11-12	½
AG Power (Ag Systems Technology)		11-12	½
<u>ARCHITECTURE & CONSTRUCTION</u>			
Architectural Drafting and Design-VC504b- Intro to Drafting		10-12	½
Building Construction-VC503a/b	Intro to Build Trades, Woods1	11-12	1
Cabinetmaking (Wood Technology 2)-VC502b-	Intro to Architecture	11-12	½
Introduction to Architecture & Construction (Wood Technology 1)-VC501a	Intro to Build Trades	10-12	½
Introduction to Building Trades-VC500a/b		9-12	1
Introduction to Drafting and Design-VC504a	Algebra 1, Geometry	9-12	½
<u>FAMILY AND CONSUMER SCIENCE</u>			
Child Development-vc512		10-12	½
Family & Consumer Science-vc510a/b		9-12	1
Family Life-vc513		10-12	½
Fun, Food, Fitness-vc514		10-12	½
Independent Living-vc515		11-12	½
Culinary I – vc516		11-12	½

BUSINESS DEPARTMENT

ECONOMICS (BU 400) – one semester – one-half social studies credit (Economics or Personal Finance required for graduation--recommended for senior students) Economics will provide students the opportunity to study economics; learn about the U.S. free enterprise system; and explore their roles as citizens, producers, and consumers while studying fundamental economics principles. Each section will work with a JA volunteer to help reinforce economic principles.

General Areas Covered:

1. Pillars of the U.S. Economic System:
 - * Describes the basic economic problems and the nature of the free enterprise system
2. Supply, Demand, Market Prices, and the Consumer
 - * Describe the price system, illustrate how supply and demand interact to establish market prices and allocate resources, and explore consumer-related issues.
3. Theory and Operation of the Business Firm
 - * Examine the role of entrepreneurs and how businesses are organized and financed, explore production, productivity, market structure, and marketing strategies.
4. Economic Institutions
 - * Examine the role of labor, governments, and the Federal Reserve banking system in the United States
5. The Global Economy
 - * Explore the costs and benefits of international trade, economic growth, and global economic issues for the 21st Century.

INTRODUCTION to BUSINESS (BU 100) – one semester: Topics covered role of business, economic systems, and forms of business, management and marketing principles, financial planning, investment options.

ACCOUNTING I (BU 200) – one semester: topics covered: accounting careers, accounting cycle, accounting equation, journaling and posting; financial statements; cash management; tax forms; payroll

PERSONAL FINANCE (BU401) – one semester – one-half social studies credit (Personal Finance or Economics required for graduation--recommended for senior students) Personal finance is the study of how consumers use economics in their every day life. It is the study of how societies satisfy their wants and needs for material goods and services.

General Areas Covered:

1. Consumer's role in the economy
2. Consumer Protection: Rights, Responsibilities, Resolutions
3. Budgeting: How you use your money
4. Saving: Plan for financial security
5. Investing: Prepared for your future
6. Credit: Ratings, how to use credit, applying for credit, rights and responsibilities
7. Budget Essentials: Food, Clothes, and Fun
8. Housing: Buying and Renting
9. Auto and Home Insurance
10. Health and Life Insurance

ACCOUNTING 2 (BU 201) – one semester - Topics covered: departmentalized accounting; accounting control system procedures; accounting for uncollectible accounts; accounting for plant assets/depreciation;

COMPUTER DEPARTMENT

ADVANCED PROGRAMMING (CSC505)

PROGRAMMING (CSC 504) – one semester
Topics covered: introduction to programming history and the programming language; understanding the information processing cycle; customer needs analysis for designing a program; defining and designing the program project; coding an application; creating, debugging, and documenting a software application.

PERSONAL COMPUTER (CS100) – one semester – one-half computer credit (required freshman year) PC explores basic and advanced functions of Microsoft Word, Excel, and PowerPoint. We also touch on basics of databases in Microsoft Access. This is a great refresher to learn basic word processing, spreadsheet applications, and give better presentations.

MULTIMEDIA (CS507) – one semester – one-half computer credit (recommended for sophomore, junior, and senior students) This class is geared for creating and editing digital music using song creation software. Video editing and animation creation are emphasized with design as an emphasis. No prerequisite. Limit – 20 students.

EMPLOYMENT SKILLS/RESOURCE

Employment Skills classes are designed specifically for students who plan on entering the work world or technical school after graduation. Admission into these courses requires an instructor signature.

EMPLOYMENT SKILLS 1 - Self Advocacy

Self Advocacy is a semester course and is offered to freshman students and gives one-half elective credit. Students will explore many skills associated with self-advocacy, self-awareness, goal-setting, social skills, and the five areas of transition.

General Areas Covered:

1. Self-awareness
1. Why and how to self-advocate in and out of school Laws and rights in school
2. Social skills
3. Communication skills
4. Goal-setting and goal-attainment
5. Personal growth
6. Getting ready for independent living
7. Using community resources
8. Being a good citizen
9. Explore post-secondary resources
10. Explore individual post-secondary education options
11. Explore careers within individual interest area

EMPLOYMENT SKILLS 2

Employment Skills 2 is offered to sophomore students and gives one unit of credit. This introductory course will allow students to explore careers while working on self-awareness, communication, reading, writing and math skills

Career Self-Awareness

- SD My Life- interest surveys, exploring and researching careers
- Career vocabulary
- Understanding strengths and needs
- Accommodations

Communication Skills

- Self-Advocating
- Interviewing etiquette
- Social Skills

Writing Skills

- Basic writing skills
- Letters/Emailing
- Cover Letters and Resumes
- Social Media Etiquette
- Proofreading/Editing/Revising

Reading Skills

- Top 20 Teen
- 7 Habits of Highly Effective Teens
- Vocabulary
- Study Skills

Math Skills

- Budgeting
- Checking/Debit
- Comparing costs
- Paycheck Stub/ Benefits
- Basic insurance needs
- Needs v. wants

EMPLOYMENT SKILLS 3

Employment 3 is offered to students, usually juniors who have completed Employment 1 and gives one unit of credit. This class will dive into specific careers of choice and other employment and post-secondary needs, along with covering other areas of transition (home living, community and recreation and leisure) and academic needs: reading, writing, and math and communication skills to help students become as independent as possible in areas.

Home Living

- Newspaper/Articles--local, state, national, international
- Checking/Savings Account
- Credit Card
- Insurance
- Cooking Skills--reading recipes--planning balanced meals
- Basic First Aid
- Household Emergencies

Post- Secondary

- Explore SDMyLife
- Explore Transcript
- Build HS schedule for senior year
- Self-awareness
- Self-advocating skills
- Explore colleges and training required for areas of interest
- Create a post-secondary goal
- College Requirements
- Explore resources/various options
- *Vocational Rehabilitation
- *Job Corps
- *Department of Labor
- *Military-ASVAB

Community/Recreation/Leisure

- Cost saving techniques
- Maps
- Community Awareness
- Community Project
- Friendships
- Facebook/Texting/Email Etiquette

Employment

- Social Skills
- Getting Back to the Basics of Job Search
- Job Applications
- Build a resume
- Interview Skills
- Job Shadow a career
- Work Keys
- Tax Forms
- Retention, Termination, Promotion
- Paycheck--net pay/gross pay/deductions
- Benefits

EMPLOYMENT SKILLS 4 – full year/one credit
 Employment 4 is offered to students who have completed Employment 2 and 3. This class is set-up as an independent study. The students are required to find a job on his or her own, unless they qualify for Project Skills (based on application process). With teacher approval, the student is allowed to volunteer on the job too. **Students in Employment 4 need to work/volunteer a minimum of 10 hours per week.** Students will also receive packets that need to be completed each month, packets include completing applications, interviewing practice, cover letters and resumes and other forms required for employment. Project Skills employees must create a monthly work schedule for the teacher and employer, fill-out a timecard-have it signed by employer and reviewed by teacher, and turned in on time in order to get paid. Volunteer worker needs to complete a monthly calendar for the teacher and employer and must track hours each week, have it signed by employer and turned in at the end of each month. On-the-job training is available for those in Project Skills and those who are volunteering. Competitively Employed will need to provide a timecard, phone number of employer and name of manager to the teacher. In Employment 4, the teacher will make contact with employer face-to face, by email or by phone biweekly. The teacher will update the student on information from employer.

General Areas Covered:

1. To earn a job—complete application and interview process independently
2. Demonstrate punctuality.
3. Maintain regular attendance.
4. Exhibit good interpersonal relations.
5. Demonstrate positive attitudes/behaviors.
6. Present appropriate appearance.
7. Complete tasks effectively.
8. Apply self-advocating skills

LIFE SKILLS ENGLISH – one semester/full year – one-half/1 credit Admission into this course requires an instructor signature. (available to freshman, sophomore, junior and senior students) Life Skills English is designed for students with specific IEP goals that involve skills in reading, reading comprehension and writing that pertains to daily living skills and other various needs identified by the team and are specific to the student's needs and ability level.

LIFE SKILLS MATH – one semester/full year one-half/1credit Admission into this course requires an instructor signature. (available to freshman, sophomore, junior and senior students) Life Skills Math is designed for students with specific IEP goals that involve basic money, addition/subtraction/ telling time, elapsed time, following a schedule and other various needs identified by the team and are specific to the student's needs and ability level.

READING 1 - one semester/full year depending on the student's needs – one-half/one elective credit. The course reviews basic reading skills and introduces other general topics that are practical for life experiences. Admission into this course requires instructor signature. Prerequisite: Must register for Reading Exploration. In this class students will work on increasing their reading fluency, building their comprehension skills and learning different reading strategies. The students will also work on vocabulary, spelling and various writing skills. The students will read practical real-life information, textbooks and fiction/nonfiction material.

General Areas Covered:

1. Reading Fluency
2. Decoding Skills
3. Comprehension
4. Reading Strategies
5. Use of Technology
6. Vocabulary
7. Writing Skills—6 traits of writing

ENGLISH DEPARTMENT

ADVANCED COMMUNICATIONS (LA500a/b) – one semester – one-half English credit (recommended for sophomores, juniors, and seniors) **Prerequisite for the class - Students must have passed either Debate 1 or oral communications with at least a “C+” or higher, or only with a special admission from the instructor.** Advanced communications is a class that helps students further develop vital communication skills through competitive speaking and in class study. The class will be tailored to help fit the specific needs and areas of interests of students. Students taking the class should be aware that they will be required to attend at least two tournaments outside of school.

General Areas Covered:

1. Advanced Policy Debate
2. Lincoln-Douglas Debate
3. Public Forum Debate
4. Student Congress
5. Original Oratory
6. Extemporaneous Speaking
7. Advanced Persuasive Theory
8. Speech Structure

English 3 Literature/Lit 3 (LA300/LA303) – one semester – one-half English credit (required of junior students) American literature is a survey course which includes the study of American literature starting with Native American folklore to today.

General Areas Covered:

1. Vocabulary Studies
2. Reading Circles
3. The Adventures of Huck Finn
4. Puritan Writing and Early Colonial literature
5. Romanticism
6. Realism and Civil War literature
7. Native American writings
8. Modernism

English 4 LITERATURE/Lit 4 (LA401/LA403) – one semester – one-half English credit (required of college-prep senior students) The major goal of this survey course is to gain cultural literacy through the study of British literature.

General Areas Covered:

1. Impact of political/social issues on literature

2. Writing styles through poetry, short stories, and drama of historical eras such as the Anglo-Saxon period, Medieval period, Renaissance, Romantic Era and Victorian Era
3. Literary analysis through discussions and writing
4. Creative projects
5. Impact of mythology on literature
6. Shakespeare unit - Macbeth
7. Novel studies – Frankenstein by Mary Shelley
8. Reading Circles

English 4 Composition/Comp 4 (LA400/LA402) – one semester – one-half English credit (required)

General Areas Covered:

1. 6 + 1 writing traits
2. Major error recognition and avoidance-- grammar, structure, and punctuation
3. Research techniques
4. Essay writing
5. Research papers
6. Vocabulary
7. Miscellaneous writing assignments
8. Reading Circles

Eng. 3 COMPOSITION/Comp 3 (LA300/LA302) – one semester – one-half English credit (required of junior students) Composition students will learn how to write and will learn the steps used to compose an effective paper, utilizing the six traits of writing.

General Areas Covered:

1. Organization and clear communication
2. Major error recognition and avoidance
3. Critical thinking and problem solving
4. Review research techniques
5. Develop and research college information
6. Review writing mechanics
7. Read The Crucible and complete projects
8. Vocabulary
9. Daily Oral Language
10. Literary analysis paper on The Great Gatsby/Jake Reinvented
11. Reading Circles

CREATIVE WRITING (LA501) – one semester – one-half credit (recommended for sophomore, junior and senior students) This course is designed for students who want to explore new genres of writing. This course will involve long and short-term writing projects that are artistic and creative in

nature, and will require students to write extensively every class period. *If you do not like to write for fun, do not take this course! If you like to write for fun, take this course!*

Some of the writing projects that will be undertaken in this course include:

1. Short Story Writing
2. Novel Project
3. Playwriting
4. Poetry
5. Magazine Project
6. Biography Project
7. Children's Book Project
8. Random Writing Exercises

DEBATE (LA204) – one semester – one-half English credit (recommended for freshmen, sophomores and juniors-- can replace the required oral communications credit for sophomores— **sophomore or junior students taking the class must have a minimum GPA of a 2.0 in English classes and freshman students must have a minimum GPA of 2.5 in eighth grade English classes.**) In Debate I students will develop communication and argumentation skills through a variety of activities. In the class students will learn about the basics of communication, how to develop and write a speech, different types of speeches including extemporaneous speaking and original oratory, basic argumentation theory, research skills, and how to take notes during a speech. Students will also develop argumentation skills by focusing on public forum debate. Students will also learn about different speech and debate categories including policy debate and Lincoln-Douglas debate. Through participation students will have the opportunity to join a national organization. Students will be required to participate in two different debate meets for practical experience.

ENGLISH 1-Literature/Lit 1(LA101/LA103) – One semester – one-half English credit (required of freshman students)

1. Journal writing, vocabulary, daily oral language
2. Short story unit
3. Poetry unit
4. Drama unit
5. Novel unit
6. Reading comprehension/analysis
7. Reading Circles

ENGLISH 1 – Comp/Comp 1 (LA100/LA102) - One semester – one-half English credit (required of freshman students)

1. Essay writing (sentence to paragraph to composition)
2. Personal narrative writing
3. Career interest and aptitude evaluation and report
4. Creative writing – Christmas story
5. Library units; research on band from 50's, 60's, 70's
6. Traditional grammar (usage/mechanics)
7. Spelling
8. Vocabulary development
9. Portfolio work; essays on career choice and success, student profile; vision statement

ENGLISH 2 – Comp/Comp 2 (LA200/LA202) – one semester – one-half English credit (required of sophomore students)

General Areas Covered:

1. Journal writing, vocabulary, daily oral language.
2. Traditional grammar, usage, mechanics, and common errors.
3. Writing: expository, narrative, persuasive, and descriptive.
4. Literary analysis of a novel.
5. Process of job application: resume, cover letter, follow up letter.
6. Reading Circles

English 2 Lit/Lit 2 (LA201/LA203) – one semester – (required) Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

NEWSWRITING (LA505a/b) – one semester/one year – one-half credit/one credit Students in this course will produce the high school newspaper, The Pep-A-Graph in conjunction with the Lennox Independent. They will write, edit, and format stories, take pictures, and design layout for each

issue. Admission to course requires a writing sample and instructor's signature. Students may enroll in this course for multiple semesters.

NOVELS A (LA510) – one semester – one-half credit (recommended for junior and senior students) Novels A and Novels B can be taken in no particular order. This class is designed for college-bound students to expose them to additional novels that are not covered in other English classes. The class will involve both in and out of class reading and plenty of lively discussion as well as pertinent research. The books that will be covered include *Lord of the Flies*, *Snow Flower and the Secret Fan*, *Night*, *Death of a Salesman*, and *Brave New World*.

NOVELS B (LA511) – one semester – one-half credit (recommended for junior and senior students) Novels A and Novels B can be taken in no particular order. This class is designed for college-bound students to expose them to additional novels that are not covered in other English classes. The class will involve both in and out of class reading and plenty of lively discussion as well as pertinent research. Novels will include *The Glass Castle*, *The Jungle*, *A Raisin in the Sun*, *A Thousand Splendid Suns*, and *Midnight's Children*.

ORAL COMMUNICATIONS (LA205) – one semester – one-half English credit (required of sophomore students) Oral communications is a required subject. Oral communications prepares students to be effective communicators in a number of speaking situations. It also shows students how important communication is in the workplace. Students study, analyze, prepare, and deliver a variety of speeches.

General Areas Covered:

1. The Communication Process
2. Research
3. Note Taking
4. Outlining
5. Bibliographies
6. Informative Speeches

7. Persuasive Speeches
8. Special Occasion Speeches
9. Nonverbal Communication
10. Everyday Speaking
11. Career speech for School-To-Work Portfolio
12. Reading Circles

PUBLICATIONS PRODUCTION (LA506a/b) – one year – one credit (available to a limited number of junior and senior students) Prerequisite of Newswriting or teacher recommendation is required. Students must plan to take this course for a full year. Admission to course via instructor interview. This course is not available as an independent study course.

General Areas Covered:

1. Work in copywriting (headlines, outlines, stories)
2. Picture layout
3. Planning
4. General photography

SHORT STORY A (LA508) – one semester – one-half credit (recommended for sophomore, junior and senior students) Short Story A and Short Story B can be taken in no particular order. This class is designed to expose students to high quality short stories by renowned authors, thereby improving reading skills and expanding their literary knowledge, better preparing the students for college. The authors covered include: Edgar Allan Poe, William Faulkner, Nathaniel Hawthorne, Shirley Jackson, Ray Bradbury, Isaac Asimov, Flannery O'Connor, H.P. Lovecraft and James Thurber among others.

SHORT STORY B (LA509) – one semester – one-half credit (recommended for sophomore, junior and senior students) Short Story A and Short Story B can be taken in no particular order. Different renowned authors will be covered in this class, including: Edith Wharton, Joyce Carol Oates, Mark Twain, Kate Chopin, Willa Cather, O'Henry, Franz Kafka and Jack London among others. The class will improve your literary knowledge and reading skills, further preparing students for college.

General Areas Covered:

Writing mechanics

2. Career Search
3. Journal writing, daily oral language, vocabulary
4. Resume and interview skills
5. Cover Letters and resumes
6. Report Writing for Business
7. Reading Circles
8. Senior Project (portfolio, project, product, presentation)

LIBRARY SCIENCE (22053) -

The purpose of this class is to allow a student to explore a career as a librarian, educator and/or tech specialist. Students will learn the use of the library system, policies and procedures of the library, information about various type of library careers, different types of educational programs and more in this class.

FINE ARTS DEPARTMENT

ADVANCED CERAMICS (FA509) one semester – one half fine arts credit (recommended for juniors and seniors) Ceramics is a prerequisite for this class. Students will further develop their skills learned from ceramics, use the wheel more often, and experiment with new hand building and glazing techniques. Students will be able to identify, use and take care of a variety of tools, materials and equipment which are used in this course. Students will be able to use terminology related to course content. A lab fee will accompany this class to purchase materials to fulfill course objectives.

ADVANCED DRAWING (FA503) – one semester – one-half fine arts credit (recommended for sophomore, junior and senior students) Drawing is a prerequisite for this class. Students will further develop and experiment with drawing materials and techniques learned in Drawing. The skill of drawing will be applied to a variety of different types of art production. A lab fee will accompany this class to purchase materials to fulfill course objectives.

General Areas Covered:

1. Color theory
2. Various drawing techniques
3. Charcoal
4. Colored pencils
5. Pencil
6. Pastels

Printmaking (FA520)- one semester - Printmaking courses introduce students to a variety of printmaking techniques using processes such as relief printing (monoprint, collograph block); intaglio (etching and engraving). These courses emphasize design elements and principles and introduce art criticism as applied to fine art prints. Lessons may also include the historical development of printmaking in Western and non-Western cultures

ADVANCED PAINTING (FA505) – one semester – one-half fine arts credit (recommended for sophomore, junior and senior students) Painting is a prerequisite for this class. Students will further develop and experiment with the creative, expressive, and aesthetic aspects of painting.

Students also will work to develop a set of personal aesthetic preferences, as well as the ability to clearly visually communicate using one painting medium of choice. A lab fee will accompany this class to purchase materials to fulfill course objectives.

General Areas Covered:

1. Elements and principles of art
2. Art History
3. Various painting styles and techniques
4. Acrylic
5. Watercolor
6. Oil Pastel
7. Oil painting

CERAMICS (FA508) – one semester – one half fine arts credit (recommended for sophomores, juniors and seniors) Drawing is a prerequisite for the class. Students will understand the definition and purpose of the elements and principles of design, and will be able to apply this understanding to the design, creation and analysis/evaluation of three dimensional forms. Students will be able to identify the five stages of clay and will be able to understand how each stage affects the development of their piece of art. Students will be able to exhibit (through their work) a variety of hand building, wheel throwing, sculptural, and glazing techniques and processes. Students will be able to identify, use and take care of a variety of tools, materials and equipment which are used in this course. Students will be able to use terminology related to course content. A lab fee will accompany this class to purchase materials to fulfill course objectives.

DESIGN (FA500) – one semester – one-half fine arts credit. Prerequisite for drawing and painting. (recommended for freshman, sophomore, junior, and senior students) This is an introductory course in which the student will experiment with and develop knowledge of a wide variety of art materials. The student will develop creativity, aesthetic awareness, and technical skills. A lab fee will accompany this class to purchase materials to fulfill course objectives.

General Areas Covered:

1. Elements and principles of art

2. Art History
3. Drawing – various methods and materials
4. Color theory
5. Pastels
6. Collage
7. Sculpture

DRAWING (FA502) – one semester – one-half fine arts credit (recommended for freshman, sophomore, junior and senior students). Design is a prerequisite for this class. Students will explore various drawing methods and materials. Technical drawing skills will be developed and used expressively. A wide range of subject matter will be addressed. A lab fee will accompany this class to purchase materials to fulfill course objectives.

General Areas Covered:

1. Elements and principles of art
2. Various drawing techniques
3. Color theory
4. Charcoal
5. Colored pencils
6. Pencil
7. Oil Pastels
8. Charcoal Pastels

INSTRUMENTAL MUSIC (FA506a/b) – one semester/one year – one-half credit/one credit (available to freshman, sophomore, junior and senior students) A working knowledge of playing a wind or percussion instrument is the prerequisite. The class meets both during the school day and outside of the school day where warranted. High School Band is a performance class and therefore requires student participation in performances outside of the classroom period. Grading emphasis is placed on music performance, ensemble contribution, and performance contribution. Rent is required for those using school-owned instruments. A \$50 marching band deposit is required for all members in the high school band.

Performance Areas Include:

1. Marching Band - perform at half-time of home football games, homecoming parade, and other selected competitive parades and field marching shows. Marching Band begins with Band Camp starting the last week of July. Attendance at camp is mandatory.

2. Pep Band - performs at a variety of athletic events from November to March.
3. Concert Band - Concert band begins in late fall and runs until the end of the year. Performances are scheduled throughout.
4. Jazz Band and Solo/Ensemble Contest (optional)- students wishing to expand their study of music may opt to participate in jazz band or solo/ensemble contest. Jazz band rehearses outside of the school day on Tuesday and Friday mornings at 7:30 a.m.

CONCERT CHOIR (FA511a/b) – one semester/one year – one-half credit/one credit AUDITIONS ONLY (available to freshman, sophomore, junior and senior students) Vocal music is an active performance organization. Students study and perform a variety of musical styles. Private lessons are available. Students may earn a vocal letter in recognition of contributions to the success of the vocal program.

PAINTING (FA504) – one semester – one-half fine arts credit (recommended for freshman, sophomore, junior and senior students) Design is a prerequisite for this class. Students will explore the creative, expressive, and aesthetic aspects of painting. Technical skill in various media will be attained. A lab fee will accompany this class to purchase materials to fulfill course objectives.

General Areas Covered:

1. Elements and principles of art
2. Art History
3. Various painting styles and techniques
4. Acrylic
5. Watercolor
6. Oil Pastel

PIANO (05107) – one semester - Piano courses provide students an introduction to, and refine the fundamentals of, music and keyboard including literature and techniques such as scales, chords, and melodic lines and may offer instruction in more advanced techniques. Formal and informal performances are typically included as well as experiences in creating and responding to music.

GUITAR (05108) - one semester - Guitar courses provide students an introduction to, and refine the fundamentals of, music and guitar literature and techniques, such as strumming and chords and may offer instruction in more advanced techniques. These courses may include bass, ukelele and other plucked string instruments. Formal and informal performances are typically included as well as experiences in creating and responding to music.

MUSIC HISTORY (05116) - (one semester) - Music History/Appreciation courses survey different musical styles and periods with the intent of increasing students' understanding of music and its importance in relation to the human experience. Music History/Appreciation courses may focus on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

FOREIGN LANGUAGE DEPARTMENT

SPANISH 1 (FL503a/b) – full year – one credit (recommended for all high school students) Spanish 1 includes an introduction to the Spanish language, traditions, and culture. Students will acquire basic Spanish oral, auditory, reading and written skills.

General Areas Covered:

1. Short conversations (survival Spanish)
2. Asking and answering questions while creating with the language
3. Short stories, excerpts from books, and letters
4. Writing of short paragraphs, letters, and descriptions
5. Study of culture and people of Spanish-speaking world
6. Describing themselves and others
7. Emphasis on vocabulary acquisition and pronunciation

SPANISH 2 (FL504a/b) – full year – one credit (recommended for sophomore, junior and senior students) A "C" average or higher must be maintained in Spanish 1 or teacher recommendation to enroll in Spanish 2. Spanish 2 is a continued study of the Spanish language, culture and traditions started in Spanish 1.

General Areas Covered:

1. Conversations in some depth about self and others
2. Talking about the past, present and future
3. Using learned material in a variety of contexts (create video, class presentations, etc.)
4. Reading of short stories including the past, present, and future; and other realia
5. Writing of skits, reaction papers, and biographies
6. Emphasis on grammar, fluency

SPANISH 3 (FL505a/b) – full year – one credit (recommended for junior and senior students) A "C" average or higher must be maintained in Spanish 2 or teacher recommendation to enroll in Spanish 3. Spanish 3 builds on all material learned in Spanish 1 and 2. Students will continue to learn about all parts of Spanish.

General Areas Covered:

1. Communicating freely on a variety of topics including current events
2. Expressing opinions, desires, beliefs, and facts
3. Oral communication--deducing what words mean in different situations
4. Reading of poems, short stories, newspaper and magazine articles
5. Writing of persuasive, informative, and creative papers
6. Study of culture and people of Spanish-speaking world, including art and history

MATHEMATICS DEPARTMENT

ALGEBRA 1 (MA102a/b) – full year – one math credit Algebra 1 is a course in mathematical fundamentals. An understanding of number relationships and the use of variables will be used to solve problems and equations.

General Areas Covered:

1. Expressions, equations and functions
2. Properties of real numbers
3. Solving linear equations
4. Graphing linear equations and function
5. Writing linear equations
6. Solving and graphing linear inequalities
7. Systems of linear equations and inequalities
8. Exponents and exponential functions
9. Polynomials and factoring
10. Quadratic equations and functions

ALGEBRA 2 (MA300a/b) – full year – one math credit Geometry is a prerequisite for this course. Algebra 2 will relate and apply algebraic concepts to geometry, statistics, data analysis, probability, and discrete mathematics. This course is required for admittance to most four-year colleges. A graphing calculator is required.

General Areas Covered:

1. Analyzing equations and inequalities
2. Graphing linear relations and functions
3. Solving systems of linear equations and inequalities
4. Using matrices
5. Exploring polynomials and radical expressions
6. Exploring quadratic functions and inequalities
7. Analyzing conic sections
8. Exploring polynomial functions
9. Exploring rational expressions

AP CALCULUS AB (MA401a/b) – full year – one math credit Precalculus, Algebra 2, geometry, and Algebra 1 are prerequisites. AP Calculus AB is the study of limits, differentiation, and integration. The course is very challenging and should only be taken by students interested in math, science, engineering, and other related areas for post high school work.

General Areas Covered:

1. Limits and their properties
2. Differentiation
3. Applications of differentiation
4. Integration
5. Logarithmic, exponential, and other transcendental functions
6. Applications of integration

ALGEBRA One (MA103a/b) – full year – one math credit. A fundamental course in algebra and mathematical concepts.

General Areas Covered:

1. Rational numbers
2. Solving equations and inequalities
3. Problem solving
4. Proportion and percent
5. Statistics and graphs
6. Polynomials

Algebra Two (MA301a/b) full year – one math credit. Algebra Two will review and reapply the concepts of Algebra 1 and expand into the Algebra 2 material.

General Areas Covered:

1. Writing, solving and graphing linear function
2. Solving system of linear systems
3. Exponential and radical functions
4. Trigonometry functions
5. Polynomial equations and factoring
6. Graphing and solving quadratic functions

GENERAL APPLIED MATH (MA100a/b) – full year – one math credit The course reviews all basic math skills and introduces other general topics that are practical for life experiences. Career and consumer lessons provide application of basic skills learned. Students need to bring a calculator to class.
Admission to course requires instructor signature.

Recommended Courses to follow:

- 9th Grade – General Math
- 10th Grade – Basic Algebra
- 11th Grade – Intermediate Algebra
- 12th Grade – Geometry Foundations

General Areas Covered:

1. Whole numbers and decimals
2. Fractions
3. Ratios and proportion
4. Probability
5. Percents
6. Graphs and statistics
7. Integers
8. Introduction to algebra
9. Problem solving

GEOMETRY (MA201a/b) – full year – one math credit Basic Algebra 1 and intermediate algebra or Algebra 1 is a prerequisite for geometry. Geometry is a study of some abstract concepts involving points, lines, planes and space. The system employs algebra as a basic tool. This course is required for admittance to most four-year colleges. A scientific or graphing calculator is required.

General Areas Covered:

1. Points, lines, and planes
2. Reasoning and proof
3. Parallel and perpendicular lines
4. Triangles
5. Quadrilaterals
6. Proportions and similarity
7. Trigonometry
8. Transformations
9. Area
10. Volume
11. Circles

GEOMETRY ONE (MA202a/b) – one full year – one math credit. The study of some abstract concepts involving points, lines, planes and space. The system employs algebra as a basic tool. A scientific calculator is required.

General Areas Covered:

1. Reasoning
2. Points, lines and planes
3. Angles
4. Parallel lines
5. Triangles and transformations
6. Quadrilaterals
7. Proportions and similarity
8. Polygons and area
9. Trigonometry
10. Solid figures

PRE-ALGEBRA (02051 a/b) - Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

SENIOR MATH (MA305a/b) - Courses review and extend algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher-degree equations, and operations with rational and irrational exponents. The courses may introduce topics in discrete mathematics, elementary probability and statistics; matrices and determinants; and sequences and series.

PRECALCULUS (MA400a/b) – full year – one math credit Prerequisites for precalculus are Algebra 1, Algebra 2 and geometry. Precalculus is the study of advanced topics in mathematics. The course is challenging and should be taken by students interested in math, science and other related areas for post high school work.

General Areas Covered:

1. Functions
2. Exponents and logarithms
3. Trigonometric functions
4. Triangle trigonometry
5. Trigonometric addition formulas
6. Polar coordinates and complex numbers
7. Sequences and series
8. Statistics
9. Probability
10. Introduction to calculus
11. Limits

STATISTICS & PROBABILITY (MA501) – one semester – one-half math credit Prerequisite for stats and probability is the successful completion of Algebra 1. This class is an introductory statistics and probability course and will work for a wide variety of students. The class will involve and focus on problem-solving, using graphing calculators (a TI82 or TI83), and should be taken by students interested in mathematics.

General Areas Covered:

1. Explore, collect, and organize data using tables and graphs
2. Know and understand the language of statistics
3. Summarize distributions of single variable data by computing measures of central tendency
4. Produce models using probability and simulations
5. Summarize distribution or z-variable data
6. Learn statistical inference
7. Understand and use probability, normal, and sampling distribution of data

PHYSICAL EDUCATION/HEALTH DEPARTMENT

HEALTH (PE102) – one semester/one-half credit Health is designed to encourage good healthy lifestyles and decision-making with regard to mental, social, emotional and physical well-being.

General Health Areas Covered:

1. Protection of self and others
2. Decisions related to risks and consequences
3. Influence of media, people, drugs, alcohol and tobacco and a person's reaction to it
4. Understanding and dealing with feelings experienced in relationships
5. Crisis management
6. Management skill to deal with stress experienced by teens
7. Communication

LIFETIME FITNESS (PE500) – one-half credit elective. (Sophomore, Junior, Senior). General Fitness, Team/Individual Sports.

PHYSICAL EDUCATION (PE100) – one-half credit (required for freshman students) Physical education is a course designed to give the students an opportunity to explore different areas of recreation and to develop general overall fitness.

General Areas Covered:

1. Volleyball
2. Conditioning – plate circuit
3. Indoor Recreation/Net Games/Ball Games
4. Softball
5. Outdoor Recreation/Hiking/Walking
6. Floor Hockey
7. Softcross
8. Soccer
9. Weight Training
10. Fitness Gram Testing
11. Broomball
12. Archery

SCIENCE DEPARTMENT

ADVANCED BIOLOGY (SC500 a/b) – one year–one-science credit (open to juniors and seniors who have successfully completed Biology) The class will involve laboratory and microscope work where students carry out observations and experiments for themselves to gain not only knowledge, but an appreciation for scientific technique.

General Areas Covered:

1. Biomes
2. Environmental issues
3. Human Anatomy/Physiology
4. Sports Medicine
5. Scientific Method
6. Genetic Engineering
7. Ecosystems
8. DNA
 - a. Sequencing
 - b. Extraction
 - c. Electrophoresis
9. Evolution Court Case: Darwin vs. Lamarck
10. Animal Anatomy/Physiology

ADVANCED CHEMISTRY (SC501a/b) – one full year – one science credit (recommended for junior and senior students) Prerequisite - general chemistry and Algebra 2. The principles of chemistry will be expanded as a preparation for college chemistry for science majors.

General Areas Covered:

1. Quantum numbers, atomic and molecular orbitals
2. Stoichiometry
3. Types, general properties of matter and periodic trends
4. Rates and mechanisms
5. Organic reactions
6. Nuclear chemistry
7. Reactions in aqueous solutions
8. Thermochemistry
9. Gas Laws
10. Gaseous equilibrium
11. Equilibrium in solutions

ANATOMY/PHYSIOLOGY (SC502a/b) – full year – one science credit (recommended for students who have completed one year of biology and chemistry) Anatomy/Physiology is a study of the structure and function of the human body. Class work involves lecture, labs and comprehensive tests. Lab work is incorporated into each unit and includes dissection of a brain, heart, eye, lungs, and a fetal pig. Anatomy/Physiology is encouraged for college bound students and specifically for those students interested in a career in the health sciences.

General Areas Covered:

1. Cell structure and function
2. Histology
3. Skeletal system
4. Muscular system
5. Nervous system
6. Eye and ear
7. Digestive system
8. Respiratory system
9. Circulatory system
10. Skin and body temperature regulation
11. Reproduction

APPLIED HEALTH SCIENCES (SC509) – one semester – one-half credit (recommended for sophomore, junior and senior students) This is a project based course investigating health related careers including Biotechnology, Clinical Nursing, Nursing Assisting, Physical Therapy, Sports Medicine, Veterinary Science, Dental Science, and CPR/First Aid. **THIS COURSE DOES NOT COUNT AS A LAB SCIENCE CREDIT.**

BIOLOGY (SC200a/b) – one semester – one-half science credit (required of sophomore students) Class work will involve lecture, lab, individual/group projects, and comprehensive tests. Lab work will include microscope usage.

General Areas Covered:

1. Processes of life
2. Biochemistry
3. Cellular functions

4. Genetics
5. Evolution
6. Classification
7. Viruses/bacteria
8. Protozoans
9. Fungi
10. Invertebrates
11. Fish/amphibians
12. Reptiles/birds
13. Mammals
14. Systems of the human body
15. Ecology
16. Plants

CHEMISTRY (SC300a/b) – full year – one science credit (recommended for junior and senior students) Geometry is a prerequisite for chemistry. Chemistry is the study of matter pertaining to the chemical changes. Laboratory experiences are emphasized.

General Areas Covered:

1. Metric system
2. Atomic theory
3. Nomenclature and formula writing
4. Reactions
5. Stoichiometric relations
6. Periodic chart
7. Redox equations
8. Acid and base reactions
9. Gas Laws
10. Ionic and covalent bonding

EARTH SCIENCE (SC506) – one semester – one-half science credit (recommended for sophomore, junior and senior students) This is a laboratory science in which students will be able to explain how elements and compounds cycle between living and non-living systems. Students will be able to describe how atmospheric chemistry may affect global climate. They will be able to assess how human activity has changed the land, ocean, and atmosphere of Earth. Students are able to recognize how Newtonian mechanics can be applied to the study of the motions of the solar system.

General Areas Covered:

1. Studying the Earth
2. Composition of the Earth
3. History of the Earth
4. Reshaping the crust
5. Atmospheric Forces
6. Oceans
7. Space

EARTH SCIENCE 2 (SC510) - one semester – one-half credit (recommended for junior and senior students) Earth Science 2 will cover the foundations of oceanography, meteorology, and astronomy. Students will explore our universe, from the deepest oceans to the most distant galaxies. Students will discover how climate and water affect our world, and how we predict weather patterns. Understanding how our own solar system works and how our sun provides life giving energy to Earth, is a core concept in this class.

PHYSICAL SCIENCE (SC100a/b) – full year – one science credit (recommended for freshman students) Physical science is designed to acquaint students with their surroundings through the study of matter and energy. Physical science is divided into the areas of chemistry and physics. Verification of laws is not attempted therefore, only basic math is required. This course is designed as a basic preparation for college studies or vocational training.

General Areas Covered:

1. Scientific Method
2. Metric system of measurement
3. Properties of matter
4. Elements and the periodic table
5. Compounds and chemical reactions
6. Forces and motion
7. Light and sound
8. Physics of Space

ADVANCED PHYSICS (03152 a/b) – full year, one science credit. Algebra III courses review and extend algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) operations with rational and irrational expressions, factoring of rational

expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher-degree equations, and operations with rational and irrational exponents. The courses may introduce topics in discrete mathematics, elementary probability and statistics; matrices and determinants; and sequences and series.

- a. Wave motion
- b. Constructive and destructive interference
- c. Music

PHYSICS (SC505a/b) – full year – one science credit (recommended for junior and senior students) Prerequisite for physics is Algebra 2. Physics is the study of the natural material world including the physical universe. This definition obviously includes many topics and seemingly would reveal physics to be very broad. This is true. Today's true physicist makes observations dealing with the material world and tries to verify theories with mathematical repetitions. Designed primarily for college preparation.

General Areas Covered:

1. Mechanics
 - a. Metric system
 - b. Vectors, Velocity, Acceleration
 - c. Motion (linear, circular, simple harmonics)
 - d. Force
 - e. Energy
 - f. Mechanical advantage
2. Optics
 - a. Electromagnetic radiation
 - b. Planks law
 - c. Reflections
 - d. Refraction
 - e. Diffraction
 - f. Interference
 - g. Polarization
 - h. Holograms
3. Electricity
 - a. Static electricity
 - b. DC circuits
 - c. Ohms law
 - d. EMF sources
 - e. Capacitors
 - f. AC current and circuits
 - g. Generating current
 - h. Electrostatic induction
4. Sound

SOCIAL STUDIES DEPARTMENT

EMERGING AMERICA (U.S. HISTORY A) (1850-1946) (SS300) – one semester – one-half social studies credit (2 of the 3 American History courses are required) Emerging America is a study of the Civil War of our great nation to World War II.

General Areas Covered:

1. Becoming a World Power
2. Progressivism
3. World War I
4. Jazz Age (1920's)
5. The Great Depression (1930's)
6. World War II (1940's)

GEOGRAPHY (SS200) – one semester – one-half social studies credit (required of freshman students) Geography is a look at different parts of the world and their geographic importance.

General Areas Covered:

1. Building a global perspective
2. Using the five themes of geography
3. Definitions and explanations of geography and its relationship to you and your life
4. Basic map skills necessary to perform class requirements
5. Europe
6. Russia and the Republics
7. Asia
8. Australia and Oceania
9. Africa
10. Latin America

GOVERNMENT a/b (SS400 a/b) – one year– one-social studies credit (required of junior/senior students) American government is the study of government in the United States.

General Areas Covered:

1. Purpose of government
2. Forms of government
3. Roles of Political Parties
4. Branches of government
5. Local, State and National Governments
6. Civil Rights
7. Constitutional guarantees
8. State Legislature and Court System

MODERN AMERICAN HISTORY (HISTORY B) (1946-present) (SS301) – one semester – one-half social studies credit (2 of the 3 American History courses are required) Modern American History is a study of our nation's history from Truman to the administration of President Obama.

General Areas Covered:

1. Cold War (1945-1960)
2. The Kennedy & Johnson Years (1960-1968)
3. Civil Rights Movement (1954-1968)
4. The Vietnam War & American Society (1960-1975)
5. The Nixon Years (1968-1974)
6. The Post Watergate Period (1974-1980)
7. The Reagan Revolution (1980's)
8. Collapse of Communism (1989)
9. The Bush Presidency (1988-2009)
10. Terrorism (2000 and beyond)
11. Obama

PSYCHOLOGY (SS501) – one semester – one-half social studies credit (recommended for junior and senior students) Psychology is a scientific look at the aspects of human behavior to better understand themselves and other individuals. The course will touch on all aspects giving a general picture of psychology.

General Areas Covered:

1. Introduction to psychology
2. Human development
3. Cognitive processes
4. Personality and individuality
5. Adjustment and breakdowns
6. Human relationships

SOCIOLOGY (SS503) – one semester – one-half social studies credit (available to sophomore, junior and senior students) Sociology is the science of human behavior which deals with the problems of said behavior in group situations...a group being two or more people in interaction with one another. A series of 9 reports/presentations are required for this course.

General Areas Covered:

1. The effect environment has on humans as members of society
2. The organization of society into its various groups

3. Social institutions (i.e. the family, peers)
4. Contemporary, social problems (i.e. crime)

WORLD HISTORY (SS201) – one semester – one-half social studies credit (required of freshman students) World History is a basic look at world history and the conflicts that have created western civilization.

General Areas Covered:

1. Renaissances & Reformation
2. Exploration of the New World
3. Enlightenment and Scientific Revolution
4. French Revolution
5. Industrial Revolution
6. World War I
7. World War II

CIVICS (SS100) - one semester - one-half social studies credit. Civics is the study of citizenship and the roles individuals and institutions play in a productive society.

SOUTH DAKOTA HISTORY (SS600) – one semester - State-Specific Studies courses examine the history, politics, economics, society, and/or cultures of one state in the United States. This course may focus primarily on the history of that state or may take an interdisciplinary approach to the contemporary issues affecting it.

CAREER AND TECHNICAL EDUCATION

– AGRICULTURE –

(AG 1) INTRODUCTION TO THE AG INDUSTRY (AG100a/b) – full year – one credit (for freshman students only) This class is designed to begin student exploration in the leadership skills needed to succeed in any career. The student will be introduced to all areas of the ag industry including wildlife management and natural resources, horticulture and floriculture, ag-mechanics careers, animal industry careers, ag-business and processing careers, production agriculture, etc. FFA activities make the curriculum come alive and give students a chance to further develop their leadership skills.

General Areas Covered:

1. Introduction to the entire ag industry
 - a. Introduction to ag career opportunities
2. Introduction to applied sciences
 - a. Basic horticulture
 - b. Basic natural resources and wildlife management
 - c. Basic animal sciences
3. Introduction to the FFA organization
 - a. Leadership development through FFA activities
 - b. Leadership skills for small groups
4. Introduction to mechanics
 - a. Shop and tool safety
 - b. Introduction to welding

(AG 2) APPLIED PLANT / ANIMAL SCIENCE (AG200a/b) – full year – one credit (Ag 1 is a prerequisite or teacher approval) The core curriculum is the development of competencies in animal science through the classroom/lab, FFA and SAEP. It is recommended for students with interest in animals or a career related to animal science.

General Areas Covered:

1. Careers in the animal sciences
 - a. Ag sales career skills
2. Animal production and management
 - a. Nutrition
 - b. Breeding and reproduction
 - c. Health and care
 - d. Meat technology
 - e. Livestock selection and evaluation
 - f. Marketing animal products

3. Leadership development for animal industry careers through FFA activities
 - a. Individual skills development through FFA Career Development event participation
4. Agriculture mechanics skills development
 - a. Animal facility design
 - b. Concrete technology
 - c. Welding skills development

(AG 3) NATURAL RESOURCES / HORTICULTURE (AG300a/b) – full year – one credit (Ag 2 is a prerequisite or teacher approval) Students will develop competencies in the growing field of horticulture and landscaping through classroom and hands-on work, FFA activities, and SAEP proficiency.

General Areas Covered:

1. Principles of plant science in horticulture
 - a. Growth, selection and reproduction
 - b. Marketing
 - c. Record keeping
2. The horticulture industry
 - a. Career opportunities
 - b. Principles of greenhouse management
 - c. Principles of nursery management
3. The landscaping industry
 - a. Career opportunities
 - b. Principles of landscape design
 - c. Completing a landscaping plan
 - d. Landscaping construction techniques
 - e. Landscaping project completion
4. Development of leadership skills through participation in FFA Career Development events
5. Mechanical skills for the plant sciences
 - a. Basic electricity and wiring
 - b. Basic plumbing skills

ADVANCED ANIMAL SCIENCE – ½ year – ½ credit
Required class – AG2 Animal Science

(AG 4) AG BUSINESS MANAGEMENT & MECHANICS (AG400a/b) – full year – one credit (Ag 3 is a prerequisite or teacher approval) The class will build competencies in the management of agriculture/business and prepare the student for a career in the ag industry. Students will also complete a personal project as part of the class.

General Areas Covered:

1. Careers in Ag business
 - a. Job seeking skills development
 - b. Job getting skills development
 - c. Job keeping skills development
2. Personal Ag Mechanic skill completion
3. Financial records and analysis
4. Physical records and analysis
5. Credit and money management
6. Budgeting
7. Techniques in sales and marketing
8. Leadership skills development through FFA Career Development events
9. Computer applications for agriculture

General Areas Covered:

1. Basic planning procedures
2. Completing a bill of materials
3. Hot and cold metal working
4. Tig Welding
5. Applying welding skills to completion of a planned project

AG POWER – AG Systems Technology (AG 600) - one semester – Ag Power, also referred to as ATV/Small Engine Mechanics courses provide students with the opportunity to learn how to service and recondition small engines, typically emphasizing two- and four-cycle engines. These courses provide students with opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems; use hand, power, and overhaul tools; and read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools, and so on.

AGRICULTURAL WELDING (AG500) – one semester – one-half credit (recommended for junior and senior students) Agricultural welding is designed for students interested in pursuing a career in welding or for general home welding. The basic procedures of arc, acetylene and Mig welding will be covered with adequate time allowed to develop necessary hands-on skills. Additional areas to be covered are safety, operation of equipment, metal identification, welding techniques, welding rod selection, welding properties, and plasma arc cutting. Students are eligible for FFA membership.

APPLIED AGRICULTURE WELDING AND METAL CONSTRUCTION (AG501) – one semester – one-half credit (recommended for juniors and seniors) Agricultural welding is a prerequisite. Students will advance welding skills through the planning and construction of metal projects. Students are eligible for FFA membership.

–ARCHITECTURE AND CONSTRUCTION–

ARCHITECTURAL DRAFTING AND DESIGN (VC504b) – one semester – one-half credit (recommended for sophomore, junior, and senior students) Introduction to Drafting and Design is a prerequisite for this course. People with careers in design and pre-construction create our future. They turn a concept into a set of plans whether it is a component, a system, or a building. Their plans guide other construction or manufacturing professionals as they continue the building process. These standards combined with the knowledge and skills students master in the Introduction to Drafting and Design course will provide students the base to sit for the ADDA Architectural Apprentice certification. Details of the ADDA competencies addressed in each standard can be found at <http://www.adda.org>.

General Areas Covered:

1. Architectural design fundamentals
2. Drawing management
3. Plot and foundation plans
4. Residential construction plans

BUILDING CONSTRUCTION/RESIDENTIAL CONSTRUCTION (VC503a/b) – full year – one credit (recommended for junior and senior students) Introduction to Building Trades, Woods 1, and application of acceptance are prerequisites for this course. Students will gain in depth knowledge of residential construction by learning the National Center for Construction Education & Research (NCCER) competencies/objectives, (Examples are NCCER tasks that the student may complete some or all of).

General Areas Covered:

1. Industry safety procedures
2. Math skills
3. Blueprint reading and basic survey techniques
4. Wood building materials, fasteners, and adhesives
5. Hand, power, and pneumatic tools
6. Concrete construction applications
7. Framing of flooring systems, wall & ceilings, and roofing systems
8. Installation of windows and exterior doors
9. Exterior finishing
10. Roofing application

11. Thermal and moisture protection
12. Drywall installation and finishing
13. Interior finish work
14. Cabinet installation
15. Stairs
16. Basic residential electric and plumbing
17. Career exploration

CABINETMAKING (WOOD TECHNOLOGY 2) (VC502b) – one semester – one-half credit (recommended for junior and senior students) Introduction to Architecture and Construction (Woods 1) and application of acceptance are prerequisites for this course. This course will give the student the opportunity to explore and develop basic skills in cabinetry. This class will be limited to 5 students who have completed Woods 1 and have been accepted into the class. The course will consist of more complex woodworking skills and techniques. Students must purchase their own materials and will be assessed a small shop fee.

General Areas Covered:

1. Safety
2. Equipment
3. Fasteners design assembly
4. Math and reading skills
5. Wood joints and applications

INTRODUCTION TO ARCHITECTURE AND CONSTRUCTION (WOOD TECHNOLOGY 1) (VC501a) – one semester – one-half credit (recommended for sophomore, junior and senior students) Introduction to Building Trades is a prerequisite for this course. Introduction to Architecture and Construction (Wood Technology 1) will meet the students' individual needs by examining related curriculum used to fabricate wood products. Students must purchase their own materials and will be assessed a small shop fee.

General Areas Covered:

1. Safety
2. Wood identification
3. Project assembly
4. Equipment
5. Math and reading skills
6. Proper terms and definitions

INTRODUCTION TO BUILDING TRADES (VC 500)

- one semester (recommended for freshman, sophomore, junior and senior students) Students will gain insight into the career of building trades by experiencing the practical skills needed to succeed in the construction industry. Students must purchase their own materials and will be assessed a small shop fee.

General Areas Covered:

1. Industry safety procedures
2. Math skills
3. Hand, power, and pneumatic tools
4. Blueprint reading and survey techniques
5. Construction project
6. Plumbing applications
7. Electrical wiring applications
8. Concrete construction applications
9. Drafting design concepts
10. Career exploration

INTRODUCTION TO DRAFTING AND DESIGN (VC504a)

- one semester - one-half credit (recommended for freshman, sophomore, junior, and senior students) People with careers in design and pre-construction create our future. They turn a concept into a set of plans whether it is a component, a system, or a building. Their plans guide other construction or manufacturing professionals as they continue the building process. This course will expose students to the American Design Drafting Association (ADDA) Apprentice standards in both mechanical and architectural drafting. The desire for this course is for the students to receive industry-based training at the basic level before taking either the Mechanical or Architectural drafting courses. It is highly recommended that students have taken Algebra 1 and Geometry before taking this course.

General Areas Covered:

1. Terminology and equipment
2. Math skills
3. Basic shapes, lettering, line symbols
4. Drawing techniques
5. Computer aided design

– FAMILY & CONSUMER SCIENCE –

CHILD DEVELOPMENT (VC512)

– one semester – one-half credit (recommended for sophomores, juniors and seniors) The course is designed for students that desire more information to prepare for future careers that will involve hands on work with children in their early years and for parenting. The class will focus on parent readiness, development of the child and understanding the needs of the child emotionally, socially, physically and mentally. The class will provide hands on lab work with children and with technology by using the “Baby Think it Over” simulator.

General Areas Covered:

1. Parent readiness and responsibilities
2. Prenatal development and childbirth
3. Growth and development of infants, toddlers, and pre-kindergarten
4. Childcare givers
5. Toys and learning activities
6. Nutrition of the child
7. Health guidelines

FAMILY & CONSUMER SCIENCE (VC510a/b)

– full year – one credit (recommended for freshman, sophomore, junior and senior students) Family & consumer science is an introductory course of the many areas a person should become familiar with the roles of a wage earner, partner in a relationship, consumer, and a family member. All students will complete personal projects that will be their own expense.

General Areas Covered:

1. Decorating principles
2. Decoration of personal space
3. Human development
4. Teen relationships and responsibilities
5. Teen abstinence, pregnancy and responsibilities
6. Development of newborn
7. Eating habits and influences
8. Food pyramid, nutrition, diet
9. Food preparation
10. Food safety
11. Breakfast food
12. Clothing construction
13. Consumer practices

FAMILY LIFE (VC513) – one semester – one-half credit (recommended for sophomore, junior, and senior students) Family life is a semester course set up for sophomore, junior and senior students seeking more knowledge in preparation for the years ahead. This course is offered during alternate years when the school year starts in an even number.

General Areas Covered:

1. Personality development
2. Heredity and effects on the family
3. Family styles
4. Environmental effects on the family
5. Love and relationships
6. Divorce, engagement and marriage
7. Aging
8. Family crisis

FUN, FOOD, FITNESS (VC514) – one semester – one-half credit (recommended for sophomore, junior or senior students) Fun, food, fitness is a semester course set up for a student to explore the relationship of fitness, eating habits, nutrition, and food intake to a person's total wellness.

General Areas Covered:

1. Nutrition
2. Making food choices
3. Diet analysis
4. Food preparation
5. Fitness and personal exercise program development
6. Special diets
7. Restaurant management and operation

INDEPENDENT LIVING (VC515) – one semester – one-half credit (recommended for juniors and seniors) Independent living is a semester course set up for students who have had no previous family and consumer science classes, but also for those previously enrolled students to increase their learning on skills to enter the adult years. All students will complete personal projects that will be their own expense.

General Areas Covered:

1. Basic clothing repair
2. Care of clothing
3. Housing options, rental and buying

4. Buying automobiles
5. Relationships and lifestyles
6. Food preparation and menu planning for the single person
7. Living on a budget
8. Managing finances

CULINARY ARTS (VC516) - One semester - Topics covered are: career paths within the foodservice industry; successful customer relations; prepare and serve safe food; preventing accidents and injuries; basic culinary skills and use of foodservice equipment; mathematical skills essential for job performance in the foodservice industry; food selection and preparation techniques. Prerequisite courses: FACS and Independent Living or Family Li

Basic Diploma –Graduation Requirements (Work Prep)
 Lennox High School
 (adopted January 2019)

Subject	Units Included	Total Required
English	Lit, Comp, Speech	4.5
Math	1 Algebra	3
Science	1 Biology	3
Social Studies	½ Government, ½ Constitution, 1 US History, ½ World, ½ Geography	3
Fine Arts		1
Physical Education		.5
Health		.5
Personal Finance or Economics		.5
CTE/World Language		1
Electives		6
Total		23

Advanced Diploma –Graduation Requirements (College Prep)
 Lennox High School
 (adopted January 2019)

Subject	Units Included	Total Required
English	Lit, Comp, Speech	4.5
Math	1 Algebra 1 Geometry 1 Algebra 2	3
Science	1 Biology	3
Social Studies	½ Government, ½ Constitution, 1 US History, ½ World, ½ Geography	3
Fine Arts		1
Physical Education		.5
Health		.5
Personal Finance or Economics		.5
CTE/World Language		1
Electives		6
Total		23

Advanced Career Diploma – Graduation Requirements (Tech or Career Prep)
 Lennox High School
 (adopted January 2019)

Subject	Units Included	Total Required
English	Lit, Comp, Speech	4.5
Math	1 Algebra	3
Science	1 Biology	3
Social Studies	½ Government, ½ Constitution, 1 US History, ½ World, ½ Geography	3
Fine Arts		1
Physical Education		.5
Health		.5
Personal Finance or Economics		.5
CTE/World Language	NCRC Certificate (Silver or Higher)	2
Electives		5
Total		23

Advanced Honors Diploma –Graduation Requirements* (College Prep)
 Lennox High School
 (adopted January 2019)

Subject	Units Included	Total Required
English	Lit, Comp, Speech	4.5
Math	1 Algebra 1 Geometry 1 Algebra 2 1 Advanced Math	4
Science	1 Biology 1 Physics or Physical Science 1 Chemistry 1 elective science	4
Social Studies	½ Government, ½ Constitution, 1 US History, ½ World, ½ Geography	3
Fine Arts		1
Physical Education		.5
Health		.5
Personal Finance or Economics		.5
CTE/World Language		2
Electives		3
Total		23

*Initial Qualifier for Opportunity Scholarship plus 24 ACT and all grades A, B or C.

Lennox High School Graduation Checklist

Required Classes - 23 credits required to graduate

	9 Comp	9 Lit	10 Comp	10 Lit	11 Comp	11 Lit	12 Comp	12 Lit
English (4 credits)								
Speech or Debate								
Math (3 credits)	Algebra 1	Algebra 1						
Social Studies (3 credits)	Geog	World Hist	Emerging	Modern	Govt. A	Govt B		
Science (3 credits)	Biology A	Biology B						
Personal Finance or Economics								
Physical Education								
Health								
Fine Arts (1 credit)								
CTE or Foreign Lang								
Electives								

Name _____ Expected Graduation Year: _____

Parent Signature: _____		Parent Signature: _____	
9th Grade		10th Grade	
1st Semester	2nd Semester	1st Semester	2nd Semester

11th Grade		12th Grade	

Parent Signature: _____ Parent Signature: _____

It is the student's responsibility to know if all requirements for graduation and college entrance are being met. It's the student's responsibility to understand the requirements to become a Regents Scholar and qualify for the Opportunity Scholarship. It is the student's responsibility to register for the courses required for each grade level. Your teachers, counselor or principal are very willing to help you decide if your registration supports your career plans and graduation requirements.