Hamlin High School

Registration Handbook

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Welcome to Hamlin High School

This registration information and course catalog have been prepared for Hamlin High School students and parents/guardians. It contains information about registration, graduation requirements, post-secondary education options, college requirements and descriptions of courses offered at Hamlin High School. It will assist students and their parents/guardians in making decisions regarding a student's course of study as well as making them aware of school policies and requirements regarding the academic program.

Planning your selection of classes needs to be done in conjunction with your career plans. You are encouraged to think about what you may do following graduation and how you can maximize the educational opportunities available at Hamlin High School. During your high school years you are encouraged to explore all areas of interest, while taking rigorous courses. It is also important to develop the talents and abilities that will enable you to follow through with your plans after graduation. In effect, the decisions you make now, to a large extent, determine what you will be prepared to do following high school.

After you have selected a course of study, it is important that you work to your full potential to attain the knowledge and skills that will allow you to create your future and control your destiny! If you do not, your future will be determined by others and circumstance. Take hold of your life, apply your gifts and talents, and work with dedication and self-discipline. Have high expectations for yourself and follow through with them. Do your best.

Message to Parents

You are encouraged to discuss career options with your son or daughter and with their teachers, principals, and counselor. It is important to encourage exploration and investigation of alternatives consistent with their areas of interest, talents, abilities and career plans. Since you are your child's first and most influential teacher, **your child's ideas about education and its significance begin with you**. You must be an example of what you expect your children to honor and emulate.

You have a responsibility to actively participate in your child's education and nurture those qualities that you deem important for success. Encourage diligent study and discourage satisfaction with mediocrity. Teach good study habits and time management, and encourage your child to take rigorous courses. Nurture your child's curiosity, creativity, confidence, and self-esteem. Your encouragement and approval or disapproval are critical to your child's success now and in the future. Be an active participant with school staff and support your son or daughter, the teaching staff, administration, and others.

Hamlin High School is NCA accredited and offers a wide variety of courses designed to meet the needs of the individual students that are found in our school. If there is some course that you would like to pursue and do not see it listed in this handbook, please contact Mr. Sheehan or High school counselor or call us at 783-3644. We are here to make this the best education for everyone and we will try our hardest to tailor our course offerings to student's needs and desires. Your input is greatly appreciated.

Introduction to Registration

This guide will aid you in selecting your classes for the coming year and in planning each year's high school courses in your chosen career pathway. A further purpose for this registration guide is to enable you (with help of parents, teachers, counselors, and principal) to develop the course selection and sequence which best meets your needs. You are encouraged to select the program of study which correlates with your interests and abilities and leads you to the achievement of your personal, education, and career goals.

The table on page 3 identifies the number of credits required in grades 9-12 by the Hamlin Board of Education and the requirements established by the South Dakota Board of Regents for Admission to South Dakota State Universities.

Although we stand ready to help all students, it is the **student's responsibility** to know if all requirements for graduation and college entrance are being met. It is also the student's responsibility to register for the courses needed to graduate. Failure to meet the minimum requirements may mean the student will not graduate as anticipated. All that it takes to be successful is a "can do" attitude, good attendance, the willingness to work hard and the demonstration of the mastery of the required learning. We stand ready to assist you, but the decision is yours. The ultimate responsibility for a proper registration rests with you, the student!

Points to Consider when registering:

1. **Select your courses thoughtfully!** You are expected to take registration seriously. Selecting courses you wish to take is extremely important and it should be done with careful consideration for your future plans. Students are encouraged to schedule a time to talk with teachers, school counselor, or the principal to help select courses that will best fit their needs. Taking a course because your friend is taking it is not an acceptable reason. You are the one taking the course and keep in mind that your friend will not be the one interviewing for your job.

2. **Preparing for registration**: You will be asked to select specific classes you would like to take during your high school years that will best prepare you for the future. Your four year plan will assist in taking you down a path that will lead to reaching your goal. Every attempt will be made to try and make sure you are able to take all the classes you desire while in high school so you should pick the most appropriate courses and **STICK WITH THEM**.

3. **Policy on course selections and schedule changes**: It is important that all students select next year's classes carefully as your selections affect many things. Once selected, it is expected that a course will be continued for the **entire semester or year**. Teacher schedules, funding decisions such as textbook and supply quantities, and other financial decisions are determined by the classes you select at registration time, so please do so carefully. Students will not be allowed to change classes just because they have changed their mind.

4. **Policy on minimum course load**: Students must be enrolled in classes for all periods of the day, except for one period which may be used as a study hall.

5. **Prerequisites**: Some courses have prerequisites which are courses that must be taken before another course may be taken. The prerequisites **must** be successfully completed before the next course can be taken.

6. **Full classes and schedule conflicts**: Do not be alarmed if, as a 9th or 10th grade student, you do not get the course or courses desired. Remember, you have two or three years left to take these courses. Seniors will be given preferences first, juniors second, sophomores third, and freshmen last. Some courses may be full and you will have to select another course. If one of your elective courses is full or a schedule conflict occurs, efforts will be made so that you will automatically be scheduled for another course that you selected as an alternate course. Therefore it is very important that you selected your alternates carefully.

7. **School records**: Attendance, grades and relationships with staff and students are three basic areas of your school record. (The past is the best predictor of the future!)

- **Attendance**: Poor attendance and low marks go hand in hand. Employers, schools, and scholarship committees check on your school attendance because people with poor school attendance generally have poor attendance at work. Employers are leery of hiring a student with poor attendance because that is generally an indicator of what will happen in the workplace when employees miss work, it costs the employer money.
- **School Grades**: Grades are important because they indicate how much you have achieved in school classes. Colleges, vocational-technical schools, and employers often require that you have the necessary background for further learning and training. Employers are interested in what your accomplishments have been in school. People who haven't worked up to their ability in school usually do not work up to their ability on the job.
- **Working Relationships with Others**: Many people are fired from their jobs because they could not get along with other employees or their employers. Students who cannot get along with staff and fellow students should recognize that a change is needed now and deal with these issues in a mature manner.

Pathways to Graduation (2014 -2022)	
ADVANCED **Graduation Requirements** (meets the requirements established for the **recommended high school program** under SDCL 13-33-19)	**DISTINGUISHED** **Graduation Requirements** (*) denotes offerings required to meet the South Dakota Opportunities Scholarship
English/Reading and Communication Arts (4 units) (1.5 Writing and 1.5 Literature including .5 American Literature and .5 Speech)	English/Reading and Communication Arts (4 units) * (1.5 Writing and 1.5 Literature including .5 American Literature and .5 Speech)
Social Studies (3 units) (1)U.S. History; and (.5) U.S. Government; and (.5) Geography; and **(.5) World History**	Social Studies (3 units) * (1) U.S. History; and (.5) U.S. Government; and (.5) Geography; and **(.5) World History**
Mathematics (3 units) (must include Algebra 1, Algebra II, and Geometry)	Mathematics (4 units) * (must include Algebra 1, Algebra II, and Geometry)
Science (min. of 3 units of lab science) (3 units) (must include Biology and Chemistry or Physics)	Science (min. of 3 units of lab science) (4 units) * (must include Biology and Chemistry or Physics)
Fine Arts (1 unit)	Fine Arts (1 unit) *
Health or Physical Education (.5 units)	**Health or Physical Education (.5 units)**
Economics or Personal Finance (.5 units)	**Economics or Personal Finance (.5 units)**
Required Offerings: students must select (2 units with any combination of) **a. World Language, or** **b. Computer Studies; or** **c. Approved Career and Technical Education courses**	**Required Offerings: students must select (2 units with any combination of)** **a. World Language, or** **b. Service Learning or Capstone Project; or** **c. Approved Career and Technical Education courses**
Electives (5 units)	Electives (3 units)
Total Credits (22 units)	Total Credits (22 units)

Adopted 2019

High School Diploma	Advanced Endorsement	Advanced Career Endorsement	Advanced Honors Endorsement
English (4 units) • Writing (1 unit) • Speech (.5 unit) • Literature (.5 unit) • American Lit (.5 unit)	English (4 units) • Writing (1 unit) • Speech (.5 unit) • Literature (.5 unit) • American Lit (.5 unit)	English (4 units) • Writing (1 unit) • Speech (.5 unit) • Literature (.5 unit) • American Lit (.5 unit)	English (4 units) • **Writing (1.5 unit)** • Speech (.5 unit) • **Literature (1 unit)** • American Lit (.5 unit)
Math (3 units) • Algebra I (1 unit)	Math (3 units) • Algebra I (1 unit) • **Geometry (1 unit)** • **Algebra II (1 unit)**	Math (3 units) • Algebra I (1 unit)	Math (4 units) • Algebra I (1 unit) • **Geometry (1 unit)** • **Algebra II (1 unit)** • **Advanced Math (1 unit)**
Science (3 units) • Biology (1 unit)	Science (3 units) • Biology (1 unit) • **Lab Science (2 units)**	Science (3 units) • Biology (1 unit)	Science (4 units) • Biology (1 unit) • **Physical Science (1 unit)** • **Chemistry or Physics (1 unit)**
Social Studies (3 units) • U.S. History (1 unit) • Government (.5 unit)	Social Studies (3 units) • U.S. History (1 unit) • Government (.5 unit)	Social Studies (3 units) • U.S. History (1 unit) • Government (.5 unit)	Social Studies (3 units) • U.S. History (1 unit) • Government (.5 unit) • **Geography (.5 unit)** • **World History (.5 unit)**
CTE or World Language (1 unit) • 1 unit in any combination	CTE or World Language (1 unit) • 1 unit in any combination	CTE (2 units) • Any combination of the following: o CTE units in the same career cluster o Capstone Experience units	CTE or World Language (2 units) • Any combination of the following: CTE, Modern or Classical Language o Language units must be in the same language
Personal Finance (.5 unit)	Personal Finance (.5 unit)	Personal Finance (.5 unit)	Personal Finance (.5 unit)
Fine Arts (1 unit)	Fine Arts (1 unit)	Fine Arts (1 unit)	Fine Arts (1 unit)
Physical Education (.5 unit)	Physical Education (.5 unit)	Physical Education (.5 unit)	Physical Education (.5 unit)
Health (.5 unit)	Health (.5 unit)	Health (.5 unit)	Health (.5 unit)

Minnesota State University
High School Preparation Requirements

4 years of English (including composition and literature)
3 years of Math (2 years of algebra and 1 year of geometry)
3 years of Science (1 year each of biological and physical)
3 years of Social Sciences (including 1 year each of U.S. history and geography)
3 years of Specified electives (2 years of a single world language and 1 year of either world culture or the arts)

SOUTH DAKOTA TECHNICAL INSTITUTES ADMISSION REQUIREMENTS

Admission into a post-secondary technical institute is based on individual program admission requirements. All applicants must submit a high school transcript and standardized test scores (ACT or SAT). Admission requirements for many technical programs exceed the requirements for University admission.

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. Technical and multi-district course are strongly encouraged. Post-secondary credits can be earned at the high school level in most programs.

DUAL ENROLLMENT AND ARTICULATION

Courses offered to the high school students through one of South Dakota's postsecondary schools means dual credit at the high school and at the university level. Articulated credits are acquired through high school level course work which has been approved by technical institute-level standards. Students with articulated credit may enroll at a technical institute and receive postsecondary credit for that course work without paying for those credits. Because the duration of a dual credit class consists of only one semester, students must complete their final semester of any core class to complete their credit requirements for high school.

President's Award for Academic Excellence

This is the most prestigious academic recognition bestowed on Hamlin High School students. To earn this award a student must achieve the following in grades 9 – 12:

- 3.50 grade point average or higher
- Score at or above the 85 percentile nationally on ACT or SAT test
- Complete the following courses:

4 units English	4 units Mathematics
4 units Science	1 unit of Fine Arts
3 units Social Science	2 units of one Foreign Language or CTE

South Dakota Opportunity Scholarship Program

The South Dakota Opportunity Scholarship program (formerly called the Regents Scholar program) is designed to allow South Dakota's most academically accomplished high school graduates to receive an affordable education at **<u>any</u> university, college or technical school that is accredited by the North Central Association of Colleges and Schools and that provides instruction from a campus located in South Dakota**.

4 units English	4 units Mathematics (Algebra or higher)
4 units Science	3 units Social Science
1 unit of Fine Arts	2 units of one Foreign Language or CTE
½ unit of Computer Science	

To be eligible the students must:

- have obtained a **<u>composite</u>** score of 24 or better on their ACT or the sum of the verbal and mathematics scores on the SAT must be at least 1110.
- have cumulative GPA of 3.0 or better.
- Effective for those students entering into postsecondary education for the first time on or after August 2013, the curriculum requirements specified in section 3 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.

- Attend **any** university or college that is accredited by the North Central Association of Colleges and Schools **and** that provides instruction from a campus located in South Dakota.

Recipients completing this program of study are eligible to receive the South Dakota Opportunity Scholarship. This scholarship has been funded by the legislature with each recipient receiving $1,300 each of their first 3 years, and $2,600 during 4th year. **Subject to changes!!!!**

- This rigorous course load generally correlates with a higher ACT score and greater eligibility for many lucrative scholarships.
- Students awarded the Regents Scholars Diploma are automatically admitted to any South Dakota college controlled by the Board of Regents.

CTE (Career and Technical Education) Scholar

The South Dakota Department of Education and the Career and Technical Education Division recognizes students who have completed a concentration (3 credits) of approved level course work in a Career and Technical Education program in addition to academic core requirements. CTE Scholar Eligibility also requires the following:

1. A minimum of two credits will be in a specific CTE program; the third credits may be in a supporting area such as computers, careers, technology, internships, or a related academic subject.
2. A minimum of a 4.0 grade point average in CTE coursework in addition to a 3.5 overall grade point average.
3. MTI & LATI will be awarded a scholarship to each student that is awarded a CTE Scholar diploma.

Hamlin High School Grading Scale

Percent	Letter	Grade Points
100 – 97	A	4.00
96 – 93	A	4.00
92 – 90	A-	3.67
89 – 87	B+	3.33
86 – 83	B	3.00
82 – 80	B-	2.67
79 – 77	C+	2.33
76 – 73	C	2.00
72 – 70	C-	1.67
69 – 67	D+	1.33
66 – 63	D	1.00
62 – 60	D-	0.67

Career Exploration

South Dakota's Sixteen Career Clusters

The Career Clusters link what students learn in school with the knowledge and skills they need to succeed in college and career. Career Clusters identify pathways from secondary school to post-secondary education and the workforce. The following clusters are linked to more information. Students may open the registration booklet online, scroll over the career cluster of interest, and then press Control and click to follow the link.

	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
	Careers in designing, planning, managing, building and maintaining the built environment.
	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
	Planning, managing and providing education and training services, and related learning support services.
	Planning, services for financial and investment planning, banking, insurance, and business financial management.
	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

	Preparing individuals for employment in career pathways that relate to families and human needs.
	Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.
	Planning, managing, and performing marketing activities to reach organizational objectives.
	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Additional Websites for Career Planning:
Department of Labor Occupational Outlook Handbook: *www.bls.gov/oco/*
Occupational Information Network: *http://online.onetcenter.org/*
America's Career Infonet: *http://www.acinet.org/*

Course Descriptions

[1] = Courses which qualify for Regents Scholar Diploma

English/Language Arts

English 9[1]

Required **Eligibility: 9** **Credit: 1**

This is a broad course of study that includes reading, writing, grammar, vocabulary development, and literary concepts found in different genres: fiction, non-fiction, poetry, and drama. Students read *Of Mice and Men*, *Romeo and Juliet*, *Ghosts of War*, and select other novels. Daily oral language activities and journaling are also integral parts of this course.

English 10[1]

Required **Eligibility: 10** **Credit: 1**

The sophomore year will be divided into two sections. First semester focuses on literature and basic introduction to essay formats. Students will read short stories, poetry, essays, and many novels. Second semester will concentrate on oral communication and general communication skills. Students will prepare and present various speech activities throughout the semester, including research incorporation in higher level speeches. DOL, vocabulary, reading and journaling will continue throughout the entire year.

English 11[1]

Required **Eligibility: 11** **Credit: 1**

In this class, students study American literature from the origins of the United States to the works of contemporary authors. Students may read *The Crucible, The Great Gatsby,* and select other novels. Grammar, vocabulary development, writing, and literary elements will also remain in focus.

English 12[1]

Required **Eligibility: 12** **Credit: 1**

This course is designed to meet the needs of those entering higher education and those who choose to enter the work force. It will include preparation for college, including writing scholarship essays and procuring recommendation letters. We will address professional business communications and prepare for the world of work by writing resumes and practicing interview skills. Through a variety of literary structures, we will survey British literature from the Anglo-Saxon era to modern times. We will write at least one research paper each semester. * *Dual Credit Introduction to Literature and Dual Credit Composition 101 can each be substituted for one semester of English 12.**

Journalism/Yearbook I*

Elective **Eligibility: 9-12** **Credit: ½**

This course is designed for students who **enjoy writing** and working independently. Journalism/Yearbook I is a semester course that focuses on writing for the *CHARGER CHATTER* newspaper and the yearbook, creating layout design, meeting deadlines, utilizing

organizational skills, and learning interviewing skills. Students also read a non-fiction novel and journal about it. ***This course does not meet the criteria for an English credit.**

Journalism/Yearbook II*
Elective **Eligibility: 9-12** **Credit: ½**

This semester long course offers time for students to create the *CHARGER CHATTER* newspaper and the yearbook. Students will utilize the information they learned and incorporated in Journalism/Yearbook I to continue producing the *CHARGER CHATTER* newspaper and creating online yearbook pages. Students will continue to build on their organizational and writing skills. Students do not need a Journalism/Yearbook I credit to take this course. ***This course does not meet the criteria for an English credit.**

Yearbook Editor
Elective **Eligibility: 10-12** **Credit: ½**

This is a semester long course where the editor will spend a period during the day with the yearbook adviser to create, edit, and revise the yearbook pages on the yearbook website. Students interested in working as a yearbook editor must have excellent writing and organizational skills and be self-motivated. Creativity is also a vital part of this course. Students interested in taking this course must have received an "A" in Journalism/Yearbook AND have the consent of the principal and yearbook adviser. The number of years a student will be considered for yearbook editor is dependent upon past performance and the number of interested students. If student interest is lacking, consideration will be given to a student who has not previously taken Journalism/Yearbook, but that student **must** have earned an "A" or "B" in all prior English courses. ***This course does not meet the criteria for an English credit.**

Laboratory Sciences

Physical Science[1]
Required **Eligibility: 9** **Credit: 1**

This is a fundamental course in chemistry and physics exploring basic concepts regarding composition and behavior of
matter. Topics covered include matter, atomic structure, periodic table, chemical reactions, acids, bases, and salts. Physics' topics include: waves and sounds, light, electricity, and magnetism.

Biology[1]
Required **Eligibility: 10** **Credit: 1**

Biology focuses on the study of living things at the cellular, structural, functional, evolutionary, and environmental levels. Topics covered include: Biological Principles (Nature and methods of science); Matter & Energy in Living Systems (Biological chemistry, Energy transformations, & Homeostasis); Cells (Structure, Function, & Basic genetics); Evolution and Classification of Organisms; Diversity of Living Organisms (Five Kingdoms); Principles of Ecology; and Health Issues. Laboratory activities, dissections, field trips and guest speakers are used to supplement course work.

Advanced Biology – Anatomy & Physiology[1]
(Pre-requisite: "B" average (84% or above) in Biology)

Elective Course **Eligibility: Grades 11-12** **Credit: 1**

The course provides opportunity for detailed studies of the human body systems and their corresponding organs, tissues and cells. Laboratory work, comprehensive dissection, field trips and guest speakers are used to supplement course work. Topics covered include: Biological Chemistry; Cellular Structure & Function; Human Organization; Anatomical Terminology; The 12 body systems; Aging; and Genetic Inheritance. This course is intended to be preparatory for continuing course work at the post-secondary level in animal science or health & medicine related fields.

Advanced Biology - Environmental Science[1]

(Pre-requisite: At least a "B" average (84% or above) in Biology)

Elective Course **Eligibility: Grades 11-12** **Credit: 1**

The course provides opportunity for studies involving the investigation of interrelationships between the individual, society, agricultural economy and the natural environment. Topics include: general ecology concepts, population dynamics, environmental & agricultural issues, and wildlife & natural resource management. Aquatic & terrestrial field research, field trips and guest speakers will be used to supplement course work. This course is intended to be preparatory for continuing course work at the post-secondary level in animal & plant science, wildlife management, natural resource or agricultural related fields**.**

Chemistry[1]

(Pre-requisite - - Algebra II)

Elective **Eligibility: Grades 11-12** **Credit: 1**

Chemistry is a study of matter and its changes. Laboratory work is used to supplement course work. Topics covered are: Atomic Theory; Periodic Law; Formula and Equation Writing; Gas Laws; Stoichiometry; Solutions; Acid-Base Theory; Carbon and it's compounds; and a general study of the elements and their properties. This course is recommended for all students who are interested in science and intending to expand their interests in science in college.

Conceptual Physics

(Pre-requisite – Algebra I & Physical Science

Elective **Eligibility: Grades 11&12** **Credit 1**

This is a general physics course with a [roblem-solving component requiring Algebra I level of mathematics preparation. The topics to be covered: Measurements, Mechanics, Fluids, Thermodynamics, and Circular and Rotational Motion, Electricity, Magnetism, Waves and Modern Physics.

College Prep Physics - DDN Course ONLY[1]

(Pre-requisite - - Algebra I & II)

Elective **Eligibility: Grades 11-12** **Credit: 1**

Class schedule is predetermined by the NSU center for statewide e-learning.

This is a general physics course with a problem-solving component requiring an Algebra 2 level of mathematics preparation and will include basic trigonometry (taught in the course). The topics to be covered in the first semester are Measurements, Mechanics, and Circular and Rotational Motion. The topics to be covered in the second semester are Electricity and Magnetism, Wave Motion, Thermodynamics and Modern Physics.

Mathematics

Math Curriculum Sequence

9th grade:	10th grade:	11th grade:	12th grade:
Math Concepts*	Algebra I	Geometry	Algebra II
Algebra	Geometry	Algebra II	Adv. Math
Geometry	Algebra II	Adv. Math	Calculus

Advanced Math[1]
(Prerequisite - Algebra II)
Elective **Eligibility: 11-12** **Credit:1**

Advanced Math is a study of topics covered in Algebra and Geometry in more detail. Topics covered are functions, discrete mathematics, and data analysis, limits, and introduction to calculus. It is primarily used to lay the groundwork for further study of mathematics at the college level. Numerous application lessons, examples, and exercises establish the importance of mathematics to everyday life and a variety of scientific and technical fields. It provides a strong foundation of pre-calculus concepts, techniques and applications to prepare students for more advanced work. Extensive use of graphing calculators will be covered.

Algebra I[1]
Elective **Eligibility: 9-12** **Credit:1**

Algebra is a subject, which leads students through a problem-solving processing, by showing them how to formulate a plan, select appropriate strategies, and then move step-by-step toward a solution. Some of the areas covered on Algebra I are Equation solving, Polynomials, Factoring, Applying Fractions, In-equalities, Radicals and Graphing.

Math Concepts
Elective* **Eligibility*: 9-10** **Credit: 1**

Students in Math Concepts will learn some of the basic math skills used in Algebra and Geometry including dealing with fractions. The basis of Math Concepts is to build a mathematical foundation for students to take Algebra I. It is anticipated that all students completing Math Concepts will take Algebra I the following year. ***Students will only be permitted to take this course upon recommendation of the instructors.**

Geometry [1]
(Prerequisite Algebra I)
Elective **Eligibility: 9-12** **Credit:1**

Geometry is a class planned to provide the opportunity for students to work with three dimensional objects and gain in depth understanding of their physical properties. There will be an emphasis on practical applications to the outside world. Some of the areas covered in Geometry are Planes, Angles, Proofs, Parallel Lines, Triangles, Circles and Constructions.

Algebra II[1]

(Prerequisite - Algebra I)

Elective **Eligibility: 10-12** **Credit:1**

This class is an extension of Algebra I. Algebra II will explore diverse examples of a variety of problem situations on which students must investigate. Students will investigate properties of functions by using graphs, charts, and models. Some areas covered in this subject are Linear Equations and Functions, Rational and Irrational Numbers, Circles, Ellipses, Parabolas, and Exponential and Logarithmic Functions.

Calculus[1]

(Prerequisite: Advanced Math)

Elective **Eligibility:11-12** **Credit:1**

Note: Instructors permission is required.

This course is designed for students who are interested in advanced mathematics topics and possibly pursuing mathematics careers. Calculus is a study of the use of limits to solve problems of slope and area of curved figures. A review of Geometric and Algebra principles will be discussed. Derivatives and integration will be studied.

Social Studies

Sociology

Elective **Eligibility: 11-12** **Credit: ½**

Want to know what makes people tick? Want to know why relationships can seem so complicated? The study of sociology, the interaction of human beings with each other and their environment, may shed light on some age old questions. This course is designed to survey a variety of relationships and the factors which influence them. We will focus on the large society as well as interpersonal relationships. Course work will include research, article reviews, quizzes and tests, group and individual projects, and journal keeping. We will study a variety of cultural, religious, economic and social structures that influence human interaction.

World Geography[1]

Required **Eligibility:9** **Credit: ½**

This semester long course will give the students the skills necessary to read globes and maps, to recognize the earth's different land forms, water sources, and earth's resources. The course will emphasize the five geographic themes: location, place, human and environmental interaction, movement and regions.

Psychology

Elective **Eligibility:11-12** **Credit: ½**

This class will explore human behavior and experiences as we attempt to answer such questions as: Where do I come from? (Human development) Why didn't I see/hear that? (Perception) Why don't I want to study or work? (Motivation) Why can't I remember? (Memory) How do I learn? (Learning) Why am I? (Personality) Am I OK? (Normal/Abnormal behavior) To find answers to these questions, students will explore, research, read, journal, experiment, and complete projects.

American Government[1]

Required **Eligibility: 12** **Credit: 1**

The American government course will provide the students with the knowledge and skills to become an effective citizen. This class will explore the past, present, and future of the United States governmental system. Focuses of study will be on the development of a democratic society and how the United States government has evolved over the past two centuries.

United States History[1]

Required **Eligibility: 11** **Credit: 1**

The United States History Course will provide students with the information and knowledge necessary to understand the historic background of the United States. This class will provide a look at both the domestic and foreign affairs of the United States with particular attention paid to the post reconstruction U.S., Indian War, Spanish American War, World War I, World War II, Korean Conflict, Vietnam War, and the Persian Gulf War.

World History[1]

Required **Eligibility: 9** **Credit: ½**

The semester long course will give the student a broad background into the immense stretch of time involved in world history. The course focuses on the beginnings of civilization including the Ancient Middle East, Egypt, India and China, Greece, Rome, African Civilizations, the Medieval World, the Renaissance and the Reformation.

Foreign Language

Spanish I[1]

Elective **Eligibility: 9-12** **Credit: 1**

Students will begin to develop the basic skills of speaking, reading, writing, and listening/comprehending the Spanish language. These skills, along with a new understanding and respect for cultural differences, will help improve students' communication in Spanish as well as help develop deeper critical thinking and communication skills. Emphasis will be given to comprehension in each four skillsets listed above.

Spanish II[1]

(Prerequisite—"B+" average or higher in Spanish I)

Elective **Eligibility: 10-12** **Credit: 1**

Students will improve their skill in speaking, reading, writing, and listening/comprehending the Spanish language. They will increase their knowledge of hispanic cultures. As a continued emphasis will be placed on comprehension, students will be able to read a number of short novels with little assistance, be able to watch the class video series and complete associated assignments, and complete other required tasks as mandated throughout the year.

Spanish III

(Prerequisite—"B+" average or higher in Spanish II or Heritage Language speakers)

Elective **Eligibility: 11-12** **Credit: 1**

Spanish III will build knowledge from concepts presented in Spanish II, and will introduce new ideas and information. Students will be able to express themselves using more complex grammatical structures. A higher emphasis on speaking and writing will present itself during this class, while continuing student comprehension skills in reading and listening. Culture-specific and world topics will be introduced for whole-class discussion.

Spanish IV

(Prerequisite—"B+" average or higher in Spanish III or Heritage Language speakers)

Elective **Eligibility: 12** **Credit: 1**

Spanish IV will continue to build on previous knowledge and expand students' vocabulary and comprehension of complex issues in their community, state, country, and world. Students will continue to read novels at an intermediate level, watch video series, participate in class discussions, and write short essays on various topics.

Career and Technical Education

Human Development 1: CTE

Elective **Eligibility: 9-12** **Credit: ½**

Human Development 1 is a semester-long course intended for students in 9th-12th Grades. It is focused on the development of children from conception through age 4. Topics covered will include (but not limited to) reasons for studying children, child development theories, influences on growth and development, observation skills, intellectual, social, physical, and emotional development from birth - 4, child care health and safety, age appropriate activities, childcare learning centers, and careers related to children.

Human Development 2: CTE

Elective **Eligibility: 9-12** **Credit: ½**

Human Development 2 is a semester-long course intended for students in 9th-12th Grades. It is focused on the development of children from age 4 through age 12. Topics covered will include (but not limited to) reasons for studying children, child development theories, influences on growth and development, observation skills, intellectual, social, physical, and emotional development, education options, age appropriate activities, and careers related to children.

Food Concepts: CTE

Elective **Eligibility: 9-12** **Credit: ½**

Food Concepts a semester-long class intended for students in 9^{th} – 12^{th} Grades. It is a course designed for students who want basic information about nutrition, meal planning, food & meal preparation, safety & sanitation and consumerism. Students will also gain experience working as a team while fostering leadership skills and following procedures. Class size will not exceed 16 students due to limited kitchen areas.

Technology Applications[1]

Elective **Eligibility: 10-12** **Credit: ½**

This is a semester course designed to incorporate specific technology strands together: video production and desktop publications. Activities include but are not limited to digital photography enhancements, professional publications, and the video production process – planning, filming, editing, and publishing. Specific software programs used are Photostory 3 for Windows, Windows Movie Maker, Microsoft Publisher, Cyberlink PowerDirector Deluxe 8, Serif Photo, and Photoshop Elements 8.0. Current events topics activities will be addressed at least once per month with related classroom activities.

Web Application

Elective **Eligibility: 10-12** **Credit: ½**

This is a semester course which involves learning the basics of web page production. Specific topics include: fundamentals of web design, designing web sites, enhancing web sites, the website development process, and advanced html. The specific software programs used include Macromedia Dreamweaver, Serif Web Production, Weebly, and other online options. This course also incorporates elements of cybersecurity, networking, and digital forensics.

Current events topics activities will be addressed at least once per month with related classroom activities.

Foundations of Technology
Elective **Grades 9-12** **Credit: ½**
The student will learn to identify the general usage of technology, software, and applications. Utilizing that knowledge, this course will cover topics such as, but not be limited to, word processing, spreadsheets, presentations, operating systems, Internet browsers, search engines, databased, preventive maintenance and security, digital literacy, netiquette and citizenship. This course expands the student's skills, knowledge and confidence in various forms of software platforms and applications (e.g. PC, Google Apps, smart phone, apps, etc.) This course will also cover Publisher, coding and drones.

Accounting
Elective **Eligibility: 9-12** **Credit: 1**
Accounting is the language of business and an integral aspect of all business activities. Accounting I introduces concepts and principles based on a double entry system of maintaining financial records for a sole proprietorship, partnership, and corporation. It includes analyzing business transactions, journalizing, posting, and preparing worksheets and financial statements. Computerized accounting will be done with a program called Aplia.

Fine Arts

Introduction to Art (one semester) [1]
Elective **Eligibility: 9-12** **Credit: ½**
Introduction to Art is an introductory study in the elements of art, principles of design, art history, aesthetics, and art criticism. In this class students will experience many different types of media. Materials: #2 pencils and soft erasers.

Two Dimensional Art [1]
(Prerequisite – Introduction to Art)
Elective **Eligibility: 10-12** **Credit: ½**
Two Dimensional Art is a class focusing on 2 dimensional works of art. Studio work will include units in drawing, painting, printmaking, mixed media and more. Materials needed: #2 pencils and soft erasers.

Three Dimensional Art
(Prerequisite – Introduction to Art)
Elective **Eligibility: 10-12** **Credit: ½**
Three Dimensional Art is a class focusing on the sculptural arts. Studio work will include sculptures of varying materials from wire to paper, aluminum, tape, mixed media, and other items. Students will also create work from clay and participate in a Raku Workshop in the spring.

Concert Choir[1]

Elective **Eligibility: 9-12** **Credit: 1**

Concert choir is the major vocal ensemble that meets Monday through Friday. Students must have one year of choir experience or audition with the instructor. One year of choir fulfills the graduation requirement for Fine Arts. Specified course study includes: Vocal Tone Production as it relates to each genre, Music Theory as it relates to the music being studied, Music History as it applies to the music being studied, and Ensemble Performances in large group settings.

Band[1]

Elective **Eligibility: 9-12** **Credit: ½**

Band is open to anyone with previous band experience or with the instructor's approval. Any student will be accepted on the basis that the instrument they want to play is needed within the band and this instrument would be beneficial to the entire band. Concert Band members also comprise the Pep Band, which performs at home athletic events.

Digital Photography and Graphic Arts

Elective **Eligibility: 9-12** **Credit: ½**

Develop a lifetime skill and hobby with photography. Using a compact ("point-and-shoot") camera, students will become familiar with photography basics and composition techniques. Resources and teaching materials include websites, camera manuals, videos and books by professional photographers. Students are not required to own a camera, but it is strongly suggested.

Business Courses

Personal Finance

Required **Grades 11-12** **Credit: ½**

This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. The Personal Finance class instructs students on the real life monetary transactions they'll see every day. Focus will be in checking accounts, financial institutions, and investing. This class will instruct on the benefits and detriments of buying a house and renting, buying a new vs. used car, understanding language used in contracts, how to handle credit and credit cards, and budgeting. We will also discuss life and health insurance, and the common problems and choices they will need to make in their every day life. Class will use the Dave Ramsey curriculum.

Library Courses

Library Aide

Elective **Eligibility: 10-12** **Credit: 1**

Note: Instructor's permission is required.

Student librarians will continue to expand on the knowledge they gained in Library Science. In this position they will also help to catalog materials, inventory the collection and aid the staff in a variety of work.

Physical Education

Team and Individual/Dual Sports

Elective **Eligibility: 9-12** **Credit: ½ - 1**

Physical Education is an activity class that will emphasize physical health by introducing the benefits of team sports and individual/dual sports. The students will learn rules and be able to apply them to the activities that they learn. We will focus on activities that can be continued to be played for throughout the rest of your life.

Weightlifting and Advanced Weight Lifting

Elective **Eligibility: 10-12** **Credit: ½**

A must class for anyone in sports, weightlifting will provide the tools to become an all-around faster, stronger, quicker, and healthier athlete. Instruction will be given on how to properly lift free weights and focus on agility workouts, which will teach students how to discipline themselves. The ultimate goal is to break the barrier of intimidation that is associated in lifting weights and provide life-long tools concerning health and exercise.

Fitness for Life

Elective **Eligibility: 9-12** **Credit: 1/2**

Fitness for Life is a semester-long course intended for students in 9th-12th Grades. It is focused on teaching students the basic knowledge, understanding, and values of maintaining a healthy lifestyle through proper nutrition and physical activity. Students will assess and work toward achieving personal fitness and knowledge of healthy diets. This course will be co-taught between Mr. MacDonell and Mrs. Page.

Other Electives

Counselor Office Assistant

Elective **Eligibility: 12** **Credit: 1**

Seniors are selected to assist the Counselor in various secretarial and clerical duties. Students must be willing to work independently to complete tasks assigned by the counselor on an individual basis. Examples of work assignments are scanning, copying, folding, stuffing envelopes, affixing address labels and stamps for parent letter mailings, filing college and scholarship information and updating databases and inventory sheets. A strong background in word-processing is beneficial. Talk to the Principal or HS administrative assistant if you are interested to receive approval. This is a pass/fail grade with a large portion of the grade based on attendance and completing work on time.

High School Office Assistant

Elective **Eligibility: 12** **Credit: 1**

Students will be working in the high school office with the high school secretary and high school principal. The purpose of this class is to familiarize the student with clerical duties in an office. Typing, computer and reception skills will be utilized. Student will help type announcements, requisitions and other office forms with the supervision of the principal. This will be offered to one student each semester.

Teacher's Aide

Elective **Eligibility*: 11-12** **Credit: 1**

This course is designed to place high school students in an **elementary classroom** (not for a HS teacher) to work with both elementary students and teachers. The program will provide an opportunity for high school students to practice and improve their communication and leadership skills by working with adults and younger students in an education setting under the direct supervision of staff members. Dependability and caring are important ingredients for success within this program. ***Students will be allowed to take this course once (2 semesters) during their HS career.**

Distance Learning Courses

Elective **Eligibility: 11-12** **Credit: varies with each course**

These courses may be taken through the use of the V-tel system or over the internet. The following general parameters are used for students to register for and take Online or V-tel courses:

- Students need to discuss the possibility of taking these courses with High school counselor or Mr. Sheehan.
- Generally speaking, students will need to have exhausted the courses at HHS before being considered for such courses.
- Students that have shown a great deal of responsibility within their classes and school will be *considered* for these courses, but the student **must** have received permission from Mr. Sheehan.
- Areas to be considered before a student may register are: attendance, attitude, grades, and discipline.
- **Individual costs for most courses will be assumed by the individual student (costs of college credit, textbooks, etc.) unless previous arrangements have been made.**
- Students that do not meet the state requirements for the courses through APEX will be **required to cover the costs**.
- **See the high school principal or the school counselor for additional information.** *(Changed the names)*
- The currently available courses can be accessed at: http://www.sdvhs.k12.sd.us/

Northeast Technical High School Courses

Northeast Technical High School's mission is to use career exploration and hands-on experiences to provide academic relevancy and promote life-long learning.

With that in mind, NTHS's courses are designed for studying specific career clusters. In their simplest form, Career Clusters are groupings of occupations/career specialties used as an organizing tool for curriculum design and instruction. Occupations/career specialties are grouped into the Career Clusters based on the fact that they require a set of common knowledge and skills for career success. Career Clusters focus on a blend of technical, academic and employability knowledge and skills that prepare learners for a full range of occupations/career specialties.

Career Clusters also provide information to help you answer questions when planning for your future. Consider the following questions:

- Is the career a good match with your interests, aptitude and abilities?
- Is the career a good match with your values and goals?
- Where do you want to live?
- What would you really do on the job?
- What skills and knowledge are needed?
- What level of education is required?
- What kind of working environment would you like?
- What are the working hours?
- Will you travel for the job?
- What is the salary range?
- Does the career have a favorable outlook?

The 16 career clusters are listed on pages 7 & 8. Following that, the Lake Area Multi-District courses are listed. **The career cluster(s) explored within the NTHS course have been identified after each course name.** For more information on career clusters, see www.careerclusters.org, your high school career counselor or Mr. Falak at NTHS.

*STEM = Science, Technology, Engineering & Mathematics

Agriculture 110 – Animal Science

Elective **Eligibility: 11-12** **Credit: 2 (3 periods)**

The history and development of the livestock industry in South Dakota, as well as selection and management of breeding stock, animal health, housing requirements and marketing strategies. This course incorporates FFA. This class is available as a dual credit class with LATI, **3 college credits**.

Agriculture 102 – Crop Science

Elective **Eligibility: 11-12** **Credit: 2 (3 periods)**

A comprehensive review of the plant development cycle, from seedling to harvest-ready maturity. Appropriate environmental conditions, insect and disease control, harvesting, and storage are discussed. Profitable management is emphasized. This course incorporates FFA. This class is available as a dual credit class with LATI, **3 college credits.**

Building Trades - Architecture & Construction

Elective **Eligibility: 11-12** **Credit: 2 (3 periods)**

This class introduces students to the Architecture and Construction Career Cluster, focusing primarily on residential construction. People employed in this cluster work on new

structures, restorations, additions, alterations and repairs. The students work on a large house project and learn carpentry fundamentals. Students will study all basic phases of construction, including safe practices, building codes, construction materials, electrical wiring, plumbing and concrete technology.

Architectural drafting is also explored through training on Chief Architect, the software many lumber yards use. A shop with the latest technology and tools helps the student apply what he/she learns.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

<u>Cabinetmaking</u> - Architecture & Construction
Elective Eligibility: 10-12 Credit: 1 (3 periods) – 1 semester long

For students interested in the Architecture & Construction Career Cluster, this course explores the related study of cabinetmaking. It's designed to meet the student's individual needs by examining related industries, processes, and systems used to fabricate cabinets and furniture products. Each student will design, fabricate, finish, and evaluate a small to medium sized project for this class to learn the basic foundations for Cabinetmaking. Students will learn machine safety and proper use of each machine and tool in the shop. The students will identify each tool by its correct name, know its uses, and learn the basic wood joints and their applications.

All students will give a 5 minute presentation on a related topic. Materials and supplies to meet the project requirements are provided. Materials beyond the requirements are the students' responsibility. Projects will be on display through the teacher's website.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

<u>Advanced Cabinetmaking</u> - Architecture & Construction
Elective Eligibility: 10-12 Credit: 1 (3 periods) – 1 semester long
Prerequisite: Cabinetmaking

For students interested in the Architecture & Construction Career Cluster, this advanced course goes deeper in to the study of cabinetmaking. This course is designed to meet the student's individual needs and develop stronger skills for careers in the cabinetmaking industries. Each student will design, fabricate, finish, and evaluate a larger project. Students will learn more advanced techniques, including making more advanced wood joints. Students will learn more about the cabinet and furniture industries and look at them as possible career options.

Students will complete a research project on a related topic of interest. Students will have fieldtrip opportunities to learn about our local industry. Materials and supplies to meet the project requirements are provided. Materials beyond the requirements are the students' responsibility. Projects will be on display through the teacher's website.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

<u>Engineering Design</u> - Architecture & Construction; Manufacturing; STEM*
Elective Eligibility: 10-12 Credit: 1 (3 periods) – 1 semester long

This course introduces students to the Architecture and Construction, Science, Technology, Engineering and Mathematics (STEM), and Manufacturing career clusters. People with careers in design and pre-construction create our future. They turn a concept into a set of plans whether it's a component, a system, or a building. Their plans guide other construction or

manufacturing professionals as they continue the building process. Students are introduced to tools and methods used by a skilled draftsperson and engineers, including Computer Aided Drafting (CAD). The class covers creating and animating 3D objects, multi-view drawings, sectioning, and the knowledge necessary to complete clean and accurate working drawings for various applications.

The students also will work with various software programs to design homes, including kitchens, baths and decks. The course includes working with AutoCAD, Inventor and Chief Architecture software.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Civil Engineering and Architecture

Elective Eligibility: 10-12 Credit: 1 (3 periods) – 1 semester long

Prerequisite: Drafting

This course takes students deeper in to the Architecture and Construction, Science, Technology, Engineering and Mathematics (STEM), and Manufacturing career clusters. This class is for students who are considering a career in drafting, architecture, engineering, machining, construction or interior design and want to learn advanced drafting Skills. Students will have a good mastery of AutoCAD and Chief Architect when they complete this class.

They also are taught the basic concept of Civil Engineering, while developing topographic maps and land contours. This class offers a more advanced look into the world of architecture and design.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Digital Electronics –

Elective Eligibility: 10-12 Credit: 1 (3 periods) – 1st semester only

Everyone uses electronics at home, in the automobile and at the workplace. This course introduces students to the Science, Technology, Engineering and Mathematics (STEM); Information Technology; and Manufacturing career clusters. People with careers in the Maintenance, Installation and Repair pathway perform preventative maintenance procedures on machines, tools and equipment. They also troubleshoot and repair electrical, electronic and mechanical system.

Students will learn basic electronic skills that include component identification, reading various electronic meters, basic soldering through projects and kit assembly. Students will design and assemble remote controlled robotic vehicles and use pneumatics to introduce them to the field of automation. Students interested in engineering or electronics, including the automotive and aviation industries, will get a chance to see what the field has to offer.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Principals of Engineering -

Elective Eligibility: 10-12 Credit: 1 (3 periods) – 2nd semester only

Prerequisite: "C" or better in Electronics

This course takes students deeper in to the Information Technology, Science, Technology, Engineering and Mathematics (STEM), and Manufacturing career clusters. Students that desire to take their knowledge of electronics to a higher level will want to take this class. Students will learn about AC voltages and waveforms, oscilloscope operation, power supplies, regulators, and transistor applications.

The students will also do advanced projects and kits that include building a working AM/FM radio and fabricating their own circuit board from scratch. This class also gives students a chance to learn more about car/home audio systems and amplifiers. Students will explore careers in engineering and electronics in the automotive and aviation industries.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Health Science I - Health Science
Elective Eligibility: 11-12 Credit: 1 (3 periods) – 1st semester only

Health care is the largest and fastest growing industry in the US. This class offers students opportunities to explore Health Science Career Cluster. The Health Science Career Cluster orients students to careers that promote health, wellnzess, and diagnosis as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information.

Students will learn basic health care skills, tour healthcare facilities and job shadow at Prairie Lakes Healthcare System.

Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Health Science II - Health Science
Elective Eligibility: 11-12 Credit: 1 (3 periods) – 2nd semester only

Health Science II students will have the opportunity to prepare themselves for college or technical institute programs by learning medical terminology and first aid / CPR. In addition the students will have an extended field experience in a healthcare facility.

Articulation credits with SD technical institutes are available for qualifying students. SkillsUSA members will be encouraged to participate in the state skill contests.

Prostart I*
Elective Eligibility: 10-12 Credit: ½ (3 periods) – 1 quarter long

Foods and Nutrition I is a course designed to develop the knowledge and skills necessary for students to improve their own health and wellness, now and in the future, as well as to make healthy food choices and explore careers in the nutrition and wellness field. Topics addressed in the course include: Nutrition (My Pyramid, Dietary Guidelines, Nutrients), safety and sanitation in the kitchen, preparation and serving of several foods, including produce, meat, chocolate, yeast breads (caramel rolls and pretzels), microwave cooking, eggs, and milk. These are skills you will use every day as an adult.

*Note – Students are required to register for both Foods & Nutrition I & II as each is a quarter long course.

Prostart II
Elective Eligibility: 10-12 Credit: ½ (3 periods) – 1 quarter long

Foods and Nutrition II is a course to further study standards learned in Foods and Nutrition I (formerly known as Foods I) to develop the knowledge and skills necessary in making healthy food choices for others. Cooking experiences include salads, soups, yeast breads (dinner rolls and Meal in a Loaf), and cake decorating.

Preparing foreign foods (such as Italian, Mexican or Oriental recipes), choosing kitchen equipment and analyzing kitchen designs, plus organizing a guest meal is included in the units of study.

<u>Human Services</u> - Human Services; Law, Public Safety, Corrections & Security
Elective Eligibility: 11-12 Credit: 2 (3 periods)

Do you like to work with people? Are you interested in careers that provide services, help and/or teach a variety of people? Human Services will expose students to the Human Services, Education and Training, and Law, Public Safety and Security career clusters. Students will learn about careers in the following career pathways: family and community services, early childhood development and services, counseling and mental health services, personal care services, consumer services, teaching and training, law enforcement services, and correction services. Students will learn communication skills, how family and social relationships are formed, developmental stages of humans, decision-making and problem-solving skills, and other skills needed to be in a "people-oriented" field.

Students will hear from professionals in various career areas, as well as participate in local tours, and on-the-job placements. Students will become Red Cross certified in First Aid/CPR. Students will learn job placement skills and how to complete college and scholarship applications.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

<u>Digital Imaging</u> - Arts, A/V Technology & Communications
Elective Eligibility: 10-12 Credit: ½ (3 periods) – 1 quarter long
Prerequisite: Good Computer Skills

This class includes the principles of digital photography. The students will learn proper photo composition, parts of the camera, rule of thirds, shooting techniques and much more through hands on experiences. The students will learn how to manipulate their digital images through the use of Adobe Photoshop. The students will become familiar with basic Photoshop tools and filters while manipulating their own digital images.

Students will be introduced to digital image file types, their uses and copyright issues. Students will explore the careers that exist in the world of Digital Photography.

Students are invited to participate in Skills USA. Articulation credits with SD technical schools are available.

<u>Machine Tool Technology</u> – Manufacturing; STEM*
Elective Eligibility: 10-12 Credit: 2 (3 periods)

The Manufacturing Career Cluster prepares learners for careers in planning, managing and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as maintenance and manufacturing/process engineering. People with careers in production work with machines, making or assembling parts. This class introduces students to the machine tool trade. Students will have the opportunity to use state-of-the-art lathes and milling machines, as well as learn about the use of computers in controlling milling and turning machines, referred to as Computer Numerical Control (CNC).

Students will learn how to read blueprints, use the latest version of Virtual Gibbs CAD/CAM software, use measuring instruments such as calipers and micrometers, and apply mathematical concepts as they do production projects that simulate industry.

Students are invited participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Advanced Machine Tool Technology – Manufacturing; STEM*

Elective Eligibility: 11-12 Credit: 2 (3 periods)

The Manufacturing Career Cluster prepares learners for careers in planning, managing and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as maintenance and manufacturing/process engineering. People with careers in production work with machines, making or assembling parts.

This class is designed for students who desire to further advance their machine tooling skills. Students will have the opportunity to use state-of-the-art lathes and milling machines, as well as controlling milling and turning machines, referred to as Computer Numerical Control (CNC) machines. Students will continue to read blueprints, use the latest version of Virtual Gibbs CAD/DAM software, use measuring instruments such as calipers and micrometers, and apply mathematical concepts as they do production projects that simulate industry.

Students participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Small Engine Mechanics

Elective Eligibility 10-12 Prerequisite: None Credit: 1

The Transportation, Distribution and Logistics Career Cluster includes careers that involve the maintenance, repair and servicing of vehicles. There is a high demand for vehicle maintenance, service and repair, sales and support staff. With the increasing complexity of the modern transportation, there is also a high demand for understanding of basic operating principles of the systems.

This semester will focus on an introduction to vehicle/small engine systems and maintenance giving students the opportunity to explore these principles.

Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available

General Service Technician

Elective Eligibility 10-12 Prerequisite: None Credit: 1

The Transportation, Distribution and Logistics Career Cluster includes careers in the Facility and Mobile Equipment Maintenance pathway that involve the maintenance, repair and servicing of vehicles and transportation facilities. This course will focus on the workings of small engines. Students will build, repair, and create projects such as go-carts, motorcycles, scooters, snowmobiles, ATVs four-wheelers and more.

Students are invited to participate in SkillsUSA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

Welding Technology – Manufacturing; STEM*

Elective Eligibility: 10-12 Credit: 2 (3 periods)

The Manufacturing Career Cluster prepares learners for careers in planning, managing and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as maintenance and manufacturing/process engineering. People with careers in production work with machines, making or assembling parts or performing welding jobs. Welding technology is used in many industries and is also becoming a more popular form of art.

Students will learn how to use a cutting torch and how to weld using oxyacetylene. They will learn how to stick weld, which is shielded metal arc welding, and wire weld, which is known

as gas metal arc welding. Students will learn how to tig weld, which is gas tungsten arc welding, and how to weld aluminum. Students will also learn plasma cutting techniques. Students will work with blueprints and welding symbols and practice safety in the shop. Students will do various projects using all of the welding methods.

Students are invited to participate in Skills USA to demonstrate their skills and leadership. Articulation credits with SD technical schools are available.

School Sponsored Extra-Curricular Activities

Extra Curricular Activities provide students with an after-school activity that puts their talents to work and helps to teach them teamwork and discipline. With our many different activities offered, students at Hamlin School District should have little trouble finding the type of activity they like. Studies show that students that are extensively involved with extra-curricular activities tend to demonstrate less signs of disengagement – such as poor attendance, poor academic performance, behavior problems, little participation in the school environment, isolation from peers, and insufficient credits earned towards graduation.

Although some think that after school activities can be harmful and detracting from a student's education, research indicates otherwise. Most of the time activities actually help the student, keeping them occupied with positive activities rather than involved in inappropriate activities. Time is available for a student to finish their schoolwork even when participating in more that one activity. These activities serve to bond the student to the school as a community and decrease the possibility of things such as dropping out or truancy. We do a great deal to offer the unique opportunity that would "fit" each student, therefore, please take part in our schools activities! There is a lot of fun to be had... don't you want to be involved too?

A note to parents: We highly encourage your child's participation in school-sponsored activities. The advantages far outweigh any disadvantages that may exist. There is a wide variety of options for the students which should address the individual interests of each student.

Hamlin High School Extra-Curricular & Co-Curricular Activities

Student Council	Basketball
National Honor Society	Football
Hamlin Book Club	Volleyball
Science Fair	Track
Cheerleading	Golf
Math/Science Competitions	Yearbook
SADD Group	All-state Band & Choir
Concert Band	All-School Play
VICA/Skills USA	Pep Band

Hamlin High School Graduating Class Personal Learning Plan

* Must be turned in and will be placed in your guidance file. Sophomores, Juniors, and Seniors should complete the previous year's plans with the courses that they have already completed. Feel free to make any changes necessary.

Name: _____ Pathway: _____
(please print first and last) (standard, advanced or distinguished)

Freshman Classes:	**Credits:**	**Junior Classes:**	**Credits:**
English 9	1	English 11	1
Physical Science	1	US History	1
W. Geography/ W. History	1	Advisory	¼
Math (List course):	1	Personal Finance	½
Computer Office/Network	½	Elective:	
Advisory	¼	Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	
Total Credits		**Total Credits**	
*Must be enrolled in a minimum of 6 credits.		*Cannot have more than one study hall.	
Sophomore Classes:	**Credits:**	**Senior Classes:**	**Credits:**
	1	English 12	1
Biology	1	American Government	1
Math (List course):	1	Advisory	¼
Advisory	¼	Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	
Elective:		Elective:	
Total Credits		**Total Credits**	
*Cannot have more than one study hall.		*Cannot have more than one study hall.	