

Louisville High School Course Guide 2019-2020



202 West 3rd Street Box 489
Louisville, NE 68037

2019-2020 Course Registration Information Packet

To the students: Louisville High School's academic programs will prepare you for college and the working world. You will find courses that are challenging and rigorous. We also have a staff dedicated to helping you achieve your personal, academic, and career goals. This packet provides information that will assist you with planning your schedule for the 2019-2020 School year.

To the parents/guardians: We believe that a student's education involves the entire family. We look forward to seeing you at parent teacher conferences on February 4, 2019 or on February 6, 2019 to assist your student with selecting the appropriate courses for their overall academic goals. We will utilize the spring conference time to register students for the 2019-2020 school year. Your family has been assigned an advisor who will contact you to set up a meeting time on one of the two nights. In addition, you are welcome to meet with your student's current instructors during times they are not meeting with their advisees. Teachers will be post their advisee meeting schedules outside their individual classrooms. Our conference times are from 4:30 p.m. to 8:00 p.m. on both nights. Please do not hesitate to contact us if you have any questions.

Post-Secondary Students

Trajectories & Trends

Trends are important. Remember, post-secondary institutions are primarily concerned with what kind of student you will be. It is very important that you continue with a high level (or an improving degree) of rigor and success throughout your high school years. This includes your senior year. If you wish to make your application among the most competitive, you must take a challenging senior program and continue to excel in it. Senior year is not the time to take a light course load. Do not catch "senioritis!" Post-secondary institutions will often check an applicant's senior year program performance first.

You should continue to push yourself to excel all the way through your senior year and beyond, post-secondary institutions take that to be a good sign that you will do the same at their college or university.

Context, Context, Context

Take advantage of the higher-level courses. Strive to excel in the opportunities to which you have access.

Balance

Post-secondary institutions look for students who have taken a balanced set of the rigorous classes available to them. Generally speaking, you should try to take courses each year in English, science, math, the social sciences, and two years of foreign language.

We encourage you to pursue your intellectual interests, so long as it is not at the expense of your program's overall rigor or your preparedness for attending a post-secondary institution. Be honest with yourself when you are deciding between different courses. Are you choosing a particular course because you are truly excited about it and the challenge it presents, or are you also motivated by a desire to avoid a different academic subject?

You should also keep in mind that many other selective post-secondary institutions do have minimum course requirements for entering students. It is best to research each school individually.

Ask Yourself These Questions

When weighing your course selection for the upcoming year, here are a few things to consider:

- Am I taking a well-balanced academic program that will provide me with a good foundation for life after high school?
- Am I prepared to take college-level math, writing, and science courses or transition to the workforce?
- Do I feel challenged by the courses that I am taking?
- Are my courses among the more rigorous ones available to me at my school?
- Am I seeking challenge or avoiding it?
- Overall, is my four-year high school program among the most challenging programs available at my school?

It is wise to first consult your teachers/advisors and high school counselor on what courses are most appropriate for you at your high school. You will have to make some difficult decisions about which courses to take and how to balance your schoolwork and your extracurricular pursuits. Do your best to make an informed decision.

Workforce and Employability

High school is a great time to start thinking about careers. Many high school students don't yet know what they want to do. In fact, students are likely to change their minds multiple times, perhaps even after they enter the workforce. In addition, some of tomorrow's careers might not exist today.

Settling on just one occupation in high school isn't necessary but looking into the types of careers you might like can help set you up for success. Students do not need to know the exact career they want but they should know how to explore careers and put in time investigating them and learning about their skills interests.

Understanding what you enjoy and what you are good at is a great first step in exploring career options. You should answer the following questions: "What do you like to learn about?" "What do you enjoy about that particular subject area?" It is important to think about what you like because work will eventually be a big part of your life.

In high school look to identify possible careers and research them. Take classes that expose you to specific information required by the career or careers you have identified. Look for job experience: take advantage of school to work programs, internships, job shadow opportunities, and summer time employment. Stay involved by joining school or community groups to further develop your leadership skills.

Getting a solid education is an important foundation for any career. Workers in many occupations use problem-solving, communication, research, and other skills that they first learned in high school. By doing well in classes and taking part in career-training or college-preparation programs, you demonstrate that you're ready to put these skills into action.

Plan and achieve. Make sure your high school course plan prepares you for entering the next phase of training or education in your desired career. To enter an electrician apprenticeship, for example, you may need a year of high school algebra. Your school counselor/advisor can help you plan your schedule to ensure that you take the required classes.

Employers and post-secondary schools often look to your high school record to gauge how you might perform on the job or in an educational program. And finishing high school shows that you can set goals and follow through. Starting freshman year, do the absolute best you can in your classes. Start strong and stay strong. Elka Torpey, "Career planning for high schoolers," *Career Outlook*, U.S. Bureau of Labor Statistics, January 2015.

Employability Skills

ATTRIBUTE/SKILL	% OF EMPLOYER RESPONDENTS
Leadership	80.1%
Ability to work on a team	78.9%
Communication skills (written)	70.2%
Problem-solving skills	70.2%
Communication skills (verbal)	68.9%
Strong work ethic	68.9%
Initiative	65.8%
Analytical/quantitative skills	62.7%
Flexibility/adaptability	60.9%
Technical skills	59.6%
Interpersonal skills (relates well to others)	58.4%
Computer skills	55.3%
Detail-oriented	52.8%
Organizational ability	48.4%
Friendly/outgoing personality	35.4%
Strategic planning skills	26.7%
Creativity	23.6%
Tactfulness	20.5%
Entrepreneurial skills/risk-taker	18.6%

Source: *Job Outlook 2016*, National Association of Colleges and Employers

Louisville Public Schools Graduation Requirements

English	40 semester hours
Social Sciences	35 semester hours
Science	30 semester hours
Math	30 semester hours
P.E. and Health	10 semester hours

Business Pathway

1. Career Education (Required), Accounting I, Accounting II, + The following Recommended Electives (As Individual Student Schedules Allow for Over the Course of Their 4-year Academic Career): Business Law, Entrepreneurship, High School Technology I, High School Technology II, Personal Finance.

Industrial Technology Pathways

1. Food Sciences – Foods I, Foods II, Culinary Arts
2. Health & Wellness – Health (required), Child Development, Adult Living
3. Automotive Technology – Exploring Tech I, Exploring Tech II, Power Equipment, Automotive Technology I, Automotive Technology II
4. Metal Fabrication – Exploring Tech I, Exploring Tech II, Metals I, Metals II
5. Building Construction – Exploring Tech I, Exploring Tech II, Woods I, Woods II, Drafting I, Drafting II

International Language Pathway (Most Post-Secondary Universities and Colleges Require 2 Years of Foreign Language)

1. Spanish I, Spanish II, Spanish III

Language Arts Pathways

1. Path 1 (Standard) – English 09, English 10, English 11, English 12
2. Path 2 (College Bound) – English 09, English 10, English 11, English 12 or UNK College Comp I, UNK College Comp II or Pop Culture in Women’s Literature or Creative Writing
3. Path 3 – (College Bound Language Arts Emphasis) -- English 09, English 10, English 11, Combination of UNK College Comp I, UNK College Comp II or Pop Culture in Women’s Literature or Creative Writing

Math Pathways (3 Years of Math Are Required but 4 are recommended)

1. Path 1 Standard – Algebra I, Algebra II, Geometry, Financial Algebra/Algebra III (Not Required but Recommended)
2. Path 2 (Students who did not take Algebra their 8th grade year but want to move to the Path 3) Algebra I, Algebra II (10th Grade) + Geometry (10th Grade), Trigonometry, Calculus
Note: Statistics will be offered this year and is recommended for college bound students who will have an emphasis in math or engineering.
3. Path 3 (Students who took Algebra their 8th grade year) Geometry, Algebra II, Trigonometry, Calculus
Note: Statistics is recommended for college bound students who will have an emphasis in math or engineering.

Science Pathways (3 Years of Science Are Required but 4 are recommended)

1. Path 1 (Standard) – 9th Physical Science, Biology, Earth Science + any of the following – Chemistry, Zoology, Science Research, or Applied Science
2. Path 2 (College Bound) – 9th Physical Science, Biology, Chemistry, Earth Science + any of the following – Zoology, Science Research, or Applied Science
3. Path 3 (College Bound Life Sciences/Health Sciences) – 9th Physical Science, Biology, Chemistry, Earth Science, Physics + The following Recommended Electives (As Individual Student Schedules Allow for over the course of their 4-year Academic Career): Anatomy & Physiology, Zoology, UNK Dual Credit Biology 105, UNK Dual Credit Biology 106, Science Research
4. Path 4 (College Bound Physical Sciences/STEM) – 9th Physical Science, Biology, Chemistry, Earth Science, Physics + The following Recommended Electives (As Individual Student Schedules Allow for Over the Course of Their 4-year Academic Career): Applied Science, Science Research, Anatomy & Physiology, Zoology, UNK Dual Credit Biology 105, UNK Dual Credit Biology 106, Coding I, Coding II

Social Science Pathway

1. World Geography, World History, American History, Government + Economics
Additional Electives: Modern Problems, Military History, Psychology

Specialty Courses

1. Coding
2. Robotics

Visual & Performing Arts

1. Performing Arts – Band &/or Choir, Music Appreciation, Fine Arts
2. Visual Arts – Basic Art I, Basic Art II, Drawing, Painting, Advanced Drawing, Advanced Painting, 3-D Visual Art, Studio Art

TENTATIVE MASTER SCHEDULE FOR 2019-2020

SUBJECT TO CHANGE BASED ON ENROLLMENT NUMBERS

Louisville High School 2019-2020

Louisville High School 2019-2020											
Department	Monday & Wednesday Tuesday & Thursday Friday Instructor	1 8:05-8:54 8:05-8:50 9:05-9:47	2 8:57-9:46 8:53-9:38 9:50-10:32	3 9:49-10:38 9:41-10:26 10:35-11:17	4 10:41-11:30 10:29-11:14 11:20-12:02	5 11:33-12:54 11:14-12:35 12:02-1:14	6 12:57-1:46 12:38-1:23 1:17-1:59	7 1:49-2:38 1:26-2:11 2:02-2:44	8 2:41-3:30 2:14-2:59 2:47-3:30		
Language Arts	Jill Baker 311	POINTS 11 Women in Pop Culture Lit	English 11	English 10	English 11	English 10	Women in Pop Culture Lit Creative Writing	Prep	Spanish 8		
	Allison Klimek 222	Reading 8	Reading 8	Language Arts 8	Language Arts 8		MS TEAM Language Arts 7	Language Arts 7	Prep		
	Elin Petersen 312	English 12	English 9	English 9	English 12	HS Journalism MS Journalism		Prep	English 9		
	Molly Stieren 211	Reading 6	Language Arts 6	Reading 7	Reading 7		MS TEAM	Prep	Reading 6		
Math	Mindy Kleven 225	Pre-Algebra 8	Elementary Interventions	Math 6	Math 7		MS TEAM	Pre-Algebra 8	Prep		
	Nathan Roth 379	POINTS 11 Statistics	Calculus	Prep	Algebra II	Calculus		Pre Calc Trig 11	Pre Calc Trig 11		
	Molly Sutter 378	Prep	Math Lab/Interventions	Geometry	Geometry	Algebra III		Geometry	Algebra III		
	TBD 240	Math 8 Algebra	Prep	Math 6	Algebra	Algebra		Algebra II	Algebra		
Social Studies	Nick Bausch 365	Government Economics	Government Economics	American History	American History	Government Economics		Military History Modern Problems	Prep		
	Allison Graham 209	Social Studies 6	Social Studies 8	Social Studies 7	Prep		MS TEAM	Social Studies 8	Social Studies 7		
	Jeff Haun 366	UNK College Comp I UNK College Comp II	Psychology UNK History	World Geography	UNK College Comp I UNK College Comp II	World History		World Geography	World History		
Science	Rob Geise 364	Health 9	Athletic Director		Health 6			Athletic Director	Athletic Director		
	Tim Hagge 360	Prep	Biology Science Research IS	Biology Science Research IS	Anatomy Physiology Science Research IS	Biology Science Research IS		UNK Bio 105 UNK Bio 106	Exploring Science 8 Science Research IS		
	Chase Rasby 362	POINTS 11 APPLIED Science	9th Science	Physics	9th Science	Chemistry		Earth Earth	Chemistry		
	Nathan VanMeter 280	Prep	Science 6	Science 8	Science 8		MS TEAM	Science 7	Science 6		
Electives	Jason Brewer 224		Technology 7			8th Grade Problem Solvers 8th Grade Problem Solvers		Technology 6	HS Technology HS Technology		
	Jennifer Cole 208	Intro to FCS 7	Child Development Culinary Arts	Prep	Adult Living Child Development	Foods I Foods II		Adult Living Culinary Arts	Foods I Foods II		
	Gemma Conde 314	Prep	Spanish II	Spanish III	Spanish I	Spanish II		Spanish I	Spanish I		
	Mr. Vogt	PE 9	PE 7	Prep	PE 6	Weights Weights		Life Time Fitness Life Time Fitness	PE 8		
	Kurt Finkey 222	Guidance							Middle School 101	Guidance	
	Dennis Houfek 375	Art 7	Basic Art 1 Basic Art II	Prep	SA/Drawing SA/Painting	Lunch 11:30-12:00 Elementary 12:00-12:30 & 1:00-1:30 OPEN 12:30-1:00			Basic Art 1 Basic Art II		
	Wally Johnson 312"	Elementary PE & Interventions									
	Angie Krejci 319	21st Cent 10 21st Cent 10	HAL/Learning Commons								
	Tom Petersen 333	IT 7	Drafting I Drafting II	Woods I Woods II	Prep	A 8 Intro to Construction & Design B 8 Intro to Construction & Design		Woods I Woods II	Woods I Woods II	Drafting I Drafting II	
	Nate Simons					A 7 Tech Cafe B 7 Tech Cafe				Robotics	
	James Stewart 363	Careers 10 Careers 10	Prep	Accounting I Accounting II	Personal Finance Personal Finance	A-Intro to Business B-Intro to Business		Entrepreneurship Business Law	Careers 8	Personal Finance Personal Finance	
	Jesse Zweep 330	Prep	Auto Tech I Auto Tech II	Metals I Power Equipment	Exp Tech I Exp Tech II	SkillsUSA		Exp Tech I Exp Tech II	Metals I Metals II	8th MS Industrial Tech	
Music	Mrs. Stanley 340	Elementary				A-6 Choir B-7 & 8 Choir		Elementary		HS Choir	
	Mr. Bassinger 340	Fine Arts 7	High School Fine Arts Music Appreciation	Music Appreciation High School Fine Arts	Prep	A-7 & 8 Band & 6 Choir B-6 Band		Independent Study Band	HS Band		
Special Education	Juli Beck 242	Life Skills/Student Support/District Special Education Assistant									
	Nick Krause 240	Student Support/District Special Education Assistant				A-MS Math Interventions B-MS Math Interventions		Student Support/District Special Education Assistant			
	Jen Rose 240	Student Support				A-MS LA Interventions B-6 Academic Foundations		Student Support			

Grade Level Course Offerings

Course Title & Description	Grade Level	Instructor
21st CENTURY SKILLS		
<p>21st Century Skills – Semester Class This course is designed to enhance student academic and interpersonal skills to meet the demands of a 21st Century workforce. Together these skills create a path for students to pursue “a well-developed mind, a passion to learn, and the ability to put knowledge to work” (Marzano 3). Students will be developing cognitive and conative skills in five key areas: Analyzing and utilizing information, addressing complex problems and issues, creating patterns and mental models, understanding and controlling oneself, and understanding and interacting with others.</p>	10th Grade - Required	Mrs. Krejci
ART COURSE OFFERINGS		
<p>BASIC ART I – Semester Class Students will learn the basic elements of two-dimensional and three-dimensional design. Grading is based on daily work, following directions, and final work.</p>	9-12 grades	TBD
<p>BASIC ART II – Semester Class Prerequisites: Basic Art I Students will learn the basic elements of two-dimensional and three-dimensional design. Grading is based on daily work, following directions, and final work.</p>	9-12 grades	TBD
<p>DRAWING – Semester Class Prerequisites: Basic Art I & II Drawing, the students will learn upper levels of line drawing, shading, textures, and layout. The use of other materials such as pastels, oil pastels, and colored pencils will also be experienced.</p>	10-12 grades	TBD
<p>PAINTING – Semester Class Prerequisites: Basic Art I & II The students will learn many painting techniques in watercolor, acrylics, and tempera. Hard edge painting, blending colors, washes, and mixing colors will be demonstrated for the students.</p>	10-12 grades	TBD
<p>STUDIO ART – Year Long Class Prerequisites: Basic Art I & II This is an independent, advanced class. Students will write project descriptions and submit them for approval. Students must have permission from the Teacher to be in this class.</p>	12th Grade	TBD
BUSINESS COURSE OFFERINGS		
<p>ACCOUNTING I – Semester Class This one-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic financial accounting involved in a service business. Online Accounting papers will be used in place of hard-copy workbooks. Other online sources will be used to give the student experience using computers with accounting.</p>	11-12 grades	Mr. Stewart

<p>ACCOUNTING II – Semester Class Prerequisite: Accounting I This one-semester course covers corporation (second semester) accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic financial accounting involved in a merchandising business. Online Accounting papers will be used in place of hard-copy workbooks. Other online sources will be used to give the student experience using computers with accounting.</p>	11-12 grades	Mr. Stewart
<p>BUSINESS LAW – Semester Class Students will understand the relationship between ethics and the law in conducting business and assuming roles as citizens, workers and consumers in a global society. They will demonstrate competency by describing and applying personal and business law to local and national situations. They will understand the basis of contractual laws and how to apply that knowledge to their consumer affairs.</p>	10-12 grades	Mr. Stewart
<p>CAREER EDUCATION – Semester Class Students will understand the concepts, tools, and strategies used to explore and obtain a career. They will understand the variety of jobs available and research jobs that they may have a aptitude for. They will understand all the necessary requirements to obtaining a job and holding onto it once employed</p>	10th Grade - Required	Mr. Stewart
<p>ENTREPRENEURSHIP – Semester Class The student will go through the steps to starting and running a business. The course focuses on the constructing of a business plan. This business plan will guide the student throughout the class.</p>	10-12 grades	Mr. Stewart
<p>PERSONAL FINANCE – Semester Class (Recommended) This course will provide a foundational understanding for making informed personal financial decisions. Real world topics covered will include income, money management, spending and credit, investing, personal and household budgets, checking and saving accounts, insurance and taxes.</p>	10-12 grades	Mr. Stewart
FAMILY & CONSUMER SCIENCE COURSE OFFERINGS		
<p>ADULT LIVING – Semester Class The class focuses on preparing students for what life is like after high school. Juniors and seniors are preferred to take this class but freshman and sophomores will be allowed in to per schedule needs. Students will research college interests, learn about healthy relationships, gain an understanding of basic personal finance, and set life goals.</p>	10-12 grades	Mrs. Cole
<p>FOODS I – Semester Class This class is one semester long and is a prerequisite to Foods 2. Student will be required to participate in cooking labs with a small group in this course. Students will learn about safety and correct cleaning techniques in the kitchen Students will learn about food choices and healthy living Students will learn about the 6 essential nutrients and cooking with different foods Students will learn about basic cooking skills: knife skill, measurement, cooking methods, tools and following a recipe</p>	9-12 grades	Mrs. Cole

<p>FOODS II– Semester Class Prerequisite: Foods I Student will be required to participate in cooking labs . They will work in small groups for the cooking labs. The following standards for the class are: Students will learn safety and correct cleaning techniques in the kitchen Students will learn about foods from around the world Students will improve basic cooking skills gained in foods 1 Student will learn how to cook and use a variety of foods, fruits and vegetables, convenience foods, spices and herbs, dessert Students will learn about nutrition and the lifespan</p>	9-12 grades	Mrs. Cole
<p>CHILD DEVELOPMENT – Semester Class Interested in a career with children? Want to learn more about how a human develops from conception to childhood? This course is for you! This semester class is a study of learning about families, reproduction, pregnancy, infants, and children. Students will learn about the functions and value of the family are explored. Students then study reproduction, pregnancy, prenatal development, the birth process and newborn development. Study of the physical, mental and social development of children ages birth through one year is covered. This course will also explore the physical, intellectual, social and emotional growth of children age two to seven. It also looks at health and safety issues, such as illness and accidents and child abuse and neglect.</p>	9-12 grades	Mrs. Cole
<p>CULINARY ARTS – Semester Class Prerequisites: Foods I & II Interested in a career in food service? Culinary Arts is the course for you. Students will learn everything from restaurant management, principles of cooking, garnishing, and much more! Students also in enrolled in this course will have the opportunity to compete in the MCC culinary invitational.</p>	10-12 grades	Mrs. Cole
INDUSTRIAL TECHNOLOGY COURSE OFFERINGS		
<p>AUTOMOTIVE TECHNOLOGY I – Semester Class Prerequisite: Exploring Technology II This course designed to give the student practical knowledge, skills, maintenance and service of automotive vehicles. Troubleshooting and problem-solving techniques, disassembling and assembling of automotive components will be completed. Students will learn with practical hands-on work & will be able to service their own vehicle. Career opportunities will also be investigated.</p>	10-12 grades	Mr. Zweep
<p>AUTOMOTIVE TECHNOLOGY II – Semester Class Prerequisite: Automotive Technology I The automotive II course is an advanced course for students who are planning on entering the automotive or diesel service technology field. This course will focus on engine performance, manual & automatic transmissions, drivetrain and differential service, computer control technology and advanced electrical principles. Students will also continue to develop diagnosis and troubleshooting skills. Students may also have the to opportunity to complete a job shadow in the automotive or diesel service industry.</p>	10-12 grades	Mr. Zweep
<p>DRAFTING I – Year Long Class Students will explore the exciting world of Computer Aided Design along with traditional design processes and techniques. Computer Aided Design software is used to design everything from jewelry to “T” shirts and from homes and cars to ships and skyscrapers. If you enjoy drawing things or if you’re interested in a career that involves the use of reading plans and designing projects, this course is for you.</p>	10-12 grades	Mr. Petersen

<p>DRAFTING II – Year Long Class Students will explore the exciting world of Computer Aided Design along with traditional design processes and techniques. Computer Aided Design software is used to design everything from jewelry to “T” shirts and from homes and cars to ships and skyscrapers.</p>	11-12 grades	Mr. Petersen
<p>EXPLORING TECHNOLOGY I – Semester Class Students will explore and develop knowledge and skills in the area of woodworking and drafting. Students will build foundational skills by building an oak step stool and completing technical drawings. During the first quarter students build an oak step stool. Students will use hand and power tools to build the project. Once built, students will apply stain and finish to the oak step stool, and then take to step stool home. During the second quarter, students will learn to use drafting tools to apply drawing & geometry techniques while completing assigned drawings. Drawings will be completed using board drafting tools and techniques. Students will also have an opportunity to explore computer aided drafting and design.</p>	9-12 grades	Mr. Zweep
<p>EXPLORING TECHNOLOGY II – Semester Class Students will explore and develop knowledge and skills in the area of small engines and welding. Students will build foundational skills by rebuilding a small gas engine as well as completing assigned welds in the flat position. During the third quarter students will tear down and rebuild a small gas engine. Students will use hand and power tools to complete the project. Students will be able to bring in a personal engine for service. During the fourth quarter, students will learn to weld in the flat position using SMAW, GMAW and O/A welding processes. Students will complete welds in the five welding joints.</p>	9-12 grades	Mr. Zweep
<p>METAL TECHNOLOGY I – Semester Class Prerequisite: Exploring Tech II The student will develop knowledge and skills in the area of welding and metals. Students will develop these skills by completing welds in the following processes: SMAW, GMAW and O/A. Students will complete welds in the five joints: butt joint, t-joint, lap joint, edge joint and corner joint. Students will also learn to weld in three welding positions: flat, horizontal and vertical up & down.</p>	10-12 grades	Mr. Zweep
<p>METAL TECHNOLOGY II – Semester Class Prerequisite: Metals I Metals II is an advanced course in welding and metalworking. Students will further develop skills in SMAW, GMAW and O/A welding and will also be introduced to GTAW welding and O/A cutting. Students will also have an opportunity to develop knowledge in the area of foundry and metal lathe operations. This course will also focus on building individual student projects.</p>	10-12 grades	Mr. Zweep
<p>SKILLSUSA – Year Long Class The SkillsUSA course is a yearlong course designed to facilitate student understanding of the SkillsUSA Program of Work, Chapter Excellence Program and SkillsUSA Frameworks. These programs provide opportunities that help students develop their potential in leadership, personal growth, employability, and career success. This course encourages critical thinking, integration of technology, development of student leadership skills, community service, personal growth, career planning and the application of knowledge and skills related to today's practical questions and problems.</p>	10-12 grades	Mr. Zweep
<p>POWER EQUIPMENT – Semester Class Prerequisite: Exploring Tech I This is an advanced course designed to develop skills in operation, service, maintenance and repair of small gas engine & powered equipment. The focus of the class will include lawn mowers, garden tractors, motorcycles, ATV's ,chain saw and trimmers.</p>	10-12 grades	Mr. Zweep

<p>WOODS/CONSTRUCTION TECHNOLOGY I – Semester Class The students will work together to build a utility shed for the first semester construction project. The students will learn about blueprint reading, foundations, floors, walls, and roofs. During the second semester, the students will construct a project that they can take home. The class will vote on the project and plan its construction. The students will get to choose the drawer fronts, moldings, stains, and finishes. Manufacturing techniques will be used to construct the project efficiently.</p>	9-12 grades	Mr. Petersen
<p>WOODS/CONSTRUCTION TECHNOLOGY II – Semester Class Prerequisite: Woods I Students have the opportunity to build something unique. The project could be a family heirloom passed down for generations. Students will learn more advanced woodworking skills to use along with the skills learned from Wood Technology I. The students choose their own project. They get to make choices from the style of it to the stains and finishes. It's theirs to take home. They get to decide the type of drawers, handles, moldings, etc... We have articles, videos, and websites that will help with the processes. Field trips will be taken to wood working industries and community colleges so the students can learn about careers related to woodworking.</p>	10-12 grades	Mr. Petersen
INTERNATIONAL LANGUAGES COURSE OFFERINGS		
<p>SPANISH I – Year Long Class Spanish 1 is a basic introduction to the Spanish language and culture. Students will be introduced to simple grammar such as verb conjugation and forming sentences mainly in the present tense. Students will learn the vocabulary for everyday communication in situations such as describing hobbies and interests, ordering a meal, family, shopping, and describing people. Some geography, celebrations, architecture, history, food and music are included. Students will take oral as well as written and listening examinations.</p>	9-12 grades	Ms. Conde
<p>SPANISH II – Year Long Class Prerequisites: Spanish I Spanish 2 is a continuation of Spanish 1 with continued practice in speech and reading, but with a stronger emphasis on reading and oral skills. Students will be introduced to more complex grammar and sentence structure. Students will be assessed by means of writing, listening, and oral assignments, projects and tests.</p>	10-12 grades	Ms. Conde
<p>SPANISH III – Year Long Class Prerequisites: Spanish I & II Spanish 3 is a continuation of Spanish 1 and 2. Students will practice in speech, writing, and reading in all tenses. Students will be introduced to more intricate vocabulary, grammar, sentence structure, and slang. Students will read more during class and have more opportunities for spontaneous conversation. Activities may include performing skits, writing short stories, and reading short novels and stories about Latin American and Spanish culture. Students will be assessed by listening, oral, and written tests and projects.</p>	11-12 grades	Ms. Conde
LANGUAGE ARTS COURSE OFFERINGS		
<p>CREATIVE WRITING – Semester Class This course is a study of the creative writing process. Students in this course will have the opportunity to write their own prose and poetry. Students will participate in free-writing activities and assignments that focus on fine-tuning description, character development, plot development, word choice, and other literary techniques. Students will view samples of published writing to observe literary techniques authors use in their writing. Students will collaborate with peers to share, critique, and proofread writing.</p>	9-12 grades	Mrs. Baker

<p>ENGLISH 09 – Year Long Class English 9 includes a combination of literature, composition, and grammar and punctuation. This course focuses on improving critical thinking and communication skills in the areas of reading and writing. Students will read and analyze <i>Animal Farm</i>, <i>Night</i>, and <i>Romeo & Juliet</i> as well as selected short stories. They will apply the writing process through paragraph strategies, various essays, and a research paper.</p>	<p>9th Grade – Required</p>	<p>Ms. Petersen</p>
<p>ENGLISH 10 – Year Long Class Prerequisite: English 9 This class will include a study of the four main types of literature: short story, novel, drama, and poetry. Literature will include <i>To Kill a Mockingbird</i>, <i>Macbeth</i>, and various short stories and poems. The class will include a focus on classifying different types of text, an exposure to the elements of literature and literary techniques, and practice at identifying the main idea and supporting details in what they have read. Vocabulary work will focus on words encountered in the literature read. The class will also focus on increasing a student’s confidence in public speaking. The students will learn the basics of communication and listening. The students will create their own speeches progressing from short, demonstrative speeches to longer, researched informative and persuasive speeches.</p>	<p>10th Grade – Required</p>	<p>Mrs. Baker</p>
<p>ENGLISH 11 – Year Long Class Prerequisite: English 9 & 10 This class will include a study of the four main types of literature: short story, novel, drama, and poetry. The class will include a focus on analyzing and critiquing different types of text, as well as the author’s use of the elements of literature and literary techniques. Vocabulary work will focus on words encountered in the literature read and review of Latin Roots. Students will continue to build on reciprocal communication skills.</p>	<p>11th Grade – Required</p>	<p>Mrs. Baker</p>
<p>ENGLISH 12 – Year Long Class Prerequisite: English 9, 10, & 11 English 12 focuses on critical thinking and effective communication. Students will read <i>Tuesdays with Morrie</i>, <i>A Midsummer Night’s Dream</i>, <i>And Then There Were None</i>, excerpts from <i>The Canterbury Tales</i>, and other selected texts. They will analyze and critique the literature through written responses, class discussions, and creative projects. Using the writing process, students will compose a research paper and a variety of essays.</p>	<p>12th Grade</p>	<p>Ms. Petersen</p>
<p>JOURNALISM – Repeatable course and is not factored in the overall GPA Ranking This course combines journalism and computer skills to provide students the opportunity to expand writing, interviewing, editing, media, and design skills. Students are required to meet non-negotiable deadlines due to the time-sensitive nature of the yearbook publication. Students will be expected to take photographs/video footage at different school activities and events (in and/or out of school). Students will be working independently to create multimedia projects as well as page layouts for the yearbook. Students must complete and submit application to be considered for this class.</p>	<p>10-12 grades</p>	<p>Ms. Petersen</p>
<p>LANGUAGE ARTS LAB Repeatable course and is not factored in the overall GPA Ranking Students are selected for this course based on their scores for their MAP reading and language usage test, teacher recommendation, or at the request of a parent/guardian. Language Arts Lab is intended for high school students who could benefit from extra support in the area of English Language Arts. Students in the class work to develop reading and writing skills and receive additional instruction in grammar, punctuation, and other areas of need. While it is not a study hall, there are opportunities to receive assistance with English homework. The focus of this class is growth and improvement.</p>	<p>9-12 grades</p>	<p>Ms. Petersen</p>

<p>POP CULTURE / WOMEN'S LITERATURE – Semester Class Prerequisites: English 10 This course will study women in pop culture and how society's roles and expectations of women in pop culture impact literature. Students will be reading and analyzing a variety of novels, short stories, poetry, and essays. In addition to reading, students will also analyze the current and past media, such as magazines, commercials, songs, and videos. Students will draw relevance between historical events and modern-day ideals and situations through class discussion, reading, writing and projects.</p>	10-12 grades	Mrs. Baker
<p>UNK COMPOSITION I – Semester Class Prerequisite: English 11 A study of the art of composition with special emphasis on the writing process and on essay form. Students study methods of invention and arrangement and hone their stylistic, grammatical, and punctuation skills. The course is dual credit. Students will be given 3 hours of credit through UNK. Tuition must be paid by the student, and there is an attendance policy.</p>	12th Grade – Dual Credit	Mr. Haun
<p>UNK COMPOSITION II – Semester Class Prerequisite: UNK Comp I A continuing study of composition with emphasis on intertextuality. Students learn to read texts in a variety of ways, to respond to those texts, to integrate voices from multiple sources into a single paper using standard citation conventions, and to find pertinent information through library research or interviews and to use it to create coherent and well-developed papers. The course is dual credit. Students will be given 3 hours of credit through UNK. Tuition must be paid by the student, and there is an attendance policy.</p>	12th Grade – Dual Credit	Mr. Haun
MATH COURSE OFFERINGS		
<p>ALGEBRA – Year Long Class Prerequisites: Pre-Algebra This course covers a wide variety of Algebraic principles and procedures including: evaluating and performing operations on expressions and functions; writing, solving and graphing linear equations and functions; writing solving and graphing linear inequalities; evaluating, solving and graphing exponential functions; performing operation on polynomials; factoring polynomials; solving quadratic equations and functions by 1) graphing 2) factoring 3) taking square roots 4) using the quadratic formula; solving systems of linear equations; analyzing data and using various methods of displaying data; and finding probabilities of a variety of events using permutations and combinations.</p>	9-12 grades-Required	TBD
<p>ALGEBRA II – Year Long Class Prerequisites: Algebra This course will cover linear equations and inequalities, polynomials, factoring, rational expressions, radicals and rational numbers, quadratic equations, complex numbers, linear systems, matrices, functions, logarithms, probability, basic statistics, and an introduction into trigonometry.</p>	9-12 grades-Required	Mr. Roth
<p>CALCULUS – Year Long Class Prerequisites: Trigonometry This course is designed to challenge students preparing to go onto college after high school, and plan on taking Calculus in college. This course will cover a semester of college Calculus throughout the year with an introduction to Calculus II. This course will cover graphing and analyzing functions including trigonometric, logarithmic and exponential functions, limits and continuity, using the difference quotient to find derivatives, using rules to find derivatives of all functions, implicit differentiation, related rates, applications of the derivative, and an introduction to integration.</p>	12th Grade	Mr. Roth

<p>FINANCIAL ALGEBRA/Algebra III -- Year Long Class Prerequisites: Algebra II & Geometry This course is designed for students who have decided after high school to attend college and plan on taking College Algebra or have decided not to go to college. This course will cover College Algebra Concepts: graphing and evaluating functions, simplifying complex numbers, solving equations (emphasis on solving quadratics), graphing polynomials, solving inequalities, using properties of exponential and logarithmic functions, performing operations with matrices, probability, graphing conics. This course will also have students create a budget and learn how to deal with money and mathematics in real life scenarios. The budget will be a year long project in which the students learn to handle money, and how to apply college algebra concepts to real life situations.</p>	11-12 grades	Ms. Sutter
<p>GEOMETRY – Year Long Class Prerequisites: Algebra I This course will cover geometric figures, proofs and logic, parallel lines, congruent polygons (with an emphasis on triangles and quadrilaterals), properties of polygons (with an emphasis on quadrilaterals), similar figures and their applications, circles, area, volume, coordinate geometry, and an introduction to right triangle trigonometry.</p>	9-12 grades – Required	Ms. Sutter
<p>MATH LAB – Repeatable course and is not factored in the overall GPA Ranking Students are selected for this course based on their scores for their MAP Math test, teacher recommendation, or at the request of a parent/guardian. This course is designed to provide direct supplemental assistance to students that may benefit from extra time or guided practice in Math. This course provides students elective credit, not Math credit toward graduation. This course is filled first by invitation and then by student requests as space allows.</p>	9-12 grades	TBD
<p>STATISTICS – Semester Class Prerequisites: Algebra II/Geometry This course is designed to give students an introduction into the mathematical branches of statistics and probability. Statistics introduces students into the display, analysis, and conclusions of data represented with a variety of methods. At the end of the course, students will be able to do the following: Identify the differences between populations, samples, and their characteristics. Identify and evaluate different types of sampling methods. Find measures of center and spread from a data set. Calculate basic and advanced probabilities. Calculate probabilities based on discrete and continuous distributions. Use the Central Limit Theorem and confidence intervals to evaluate samples. Confirm or deny statistical hypotheses. Use linear regression to model and evaluate data. Use multiple statistical models to represent, interpret, and analyze data.</p>	11-12 grades	Mr. Roth
<p>TRIGONOMETRY – Year Long Class Prerequisites: Algebra II, Geometry (80 or above in both) This class is for college bound students who will likely take a Calculus course their senior year of high school or in college. This course will cover advanced concepts in the following areas: basic trigonometry, analytic trigonometry, solving trigonometric equations, solving equations, graphing and performing operations on various functions, graphing and solving polynomial and rational functions, graphing and solving exponential and logarithmic functions, systems and matrices, function analysis, and an introduction to Calculus that includes limits and continuity.</p>	11-12 grades	Mr. Roth

MUSIC AND PERFORMING ARTS COURSE OFFERINGS

<p>FINE ARTS – Semester This course focuses on communication, relationships, collaboration, creativity, and improvisational skills. You DO NOT need to be THEATRICAL to find this class APPLICABLE!</p>	10-12 grades	Mr. Bassinger
<p>HIGH SCHOOL BAND – Year Long Class Repeatable course and is not factored in the overall GPA Ranking This course is for all ninth, tenth, eleventh, and twelfth grade students who play a band instrument and have an interest in progressing band music literature. All students registered for Concert Band are required to participate in Marching Band, Concert Band, and Pep Band.</p>	9-12 grades	Mr. Bassinger
<p>HIGH SCHOOL CHORUS – Year Long Course Repeatable course and is not factored in the overall GPA Ranking The Louisville High School Concert Choir course is designed to offer vocal music education and performing opportunities. The primary focus of this ensemble class will be to study vocal performance techniques. Many different musical styles will be studied through the year.</p>	9-12 grades	Mrs. Stanley
<p>MUSIC APPRECIATION – Semester Class Music Appreciation is a course open to grades 10-12 that is designed to introduce representative musical masterworks to high school students. A study of the materials of music, including basic elements, mediums, styles, and form is presented as an aid to understanding and enjoying music. The listening to and analysis of recordings is included. The topics studied will include basic music terms, musical time periods, the history of jazz, musicals, origins of today’s pop music and discussing the aesthetic values of music.</p>	10-12 grades	Mr. Bassinger

PHYSICAL EDUCATION/WELLNESS COURSE OFFERINGS

<p>9TH PHYSICAL EDUCATION – Year Long A-Day B-Day Rotation This course is designed to provide students with developmentally appropriate learning opportunities with meaningful content and instruction. All students will develop health-related fitness, physical competence, cognitive understanding and positive attitudes about physical activity that promotes a healthy and physically active lifestyle. This course also develops social interactions that will benefit the student in the future and stress the importance of student participation and sportsmanship.</p>	9th Grade - Required	Mr. Vogt
<p>HEALTH – Year Long A-Day B-Day Rotation This course provides students with the basic foundation of health knowledge and skills that they will be able to utilize throughout their lifetime. The information provided in this course will help the students make educated decisions concerning their own personal health, health consumerism, social/mental/physical health, relationships (positive and negative), risky behaviors, drug (legal and illegal) and alcohol use, communicable diseases - including STI’s, and reproductive health.</p>	9th Grade - Required	Mr. Geise
<p>LIFETIME SPORTS – Repeatable course Semester Class Students will learn a variety of rules, skills, fundamentals and strategies in a variety of individual and dual sport activities. Safety and sportsmanship will be emphasized. Activities include, but are not limited to: badminton, bocce, pickleball, table tennis, frisbee golf, lawn games and other individual and dual sports. If funding available possible units may include tennis/racquet ball, bowling, fishing and golf.</p>	9-12 grades	Mr. Vogt

<p>WEIGHT TRAINING – Semester Class Repeatable course and is not factored in the overall GPA Ranking This course is designed to provide students the opportunity to learn the purpose and correct techniques of weight lifting along with safety rules and procedures to make it a safe, developmental, and learning environment. Many lifting options will be made available through various exercises and lifts. A majority of the class time will be spent lifting weights with periodical testing to measure muscular strength and growth. Athletic testing will also be administered to measure explosiveness, speed, strength, and quickness. All will contribute to the overall grade.</p>	9-12 grades	Mr. Vogt
SCIENCE COURSE OFFERINGS		
<p>ANATOMY & PHYSIOLOGY – Year Long Class Prerequisites: A student must pass Biology with a grade of C or better. Anatomy and Physiology covers the basics of human anatomy and human physiological functioning including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems.</p> <p>Lab activities are a major part of this course and will include lab practical exams. In lab we will cover human gross anatomy through the use of models and diagrams and we will cover human comparative anatomy using animal specimens. The investigation of human body physiological functioning will be performed through lab investigations.</p>	11-12 grades	Mr. Hagge
<p>APPLIED SCIENCE – Semester Class Studying Applied Science enables students to become scientifically literate and apply the skills and knowledge of physical, chemical and biological processes for an improved way of life. Students who pursue careers in teaching and nursing, or as mechanics and electricians, require an understanding of the scientific skills and knowledge taught in Applied Science. The interactive study of environmental management, biotechnology, health and society, energy, simple engineering and food technology can provide the basis for understanding daily science problems and exploring ways to solve them. Applied Science, being an interdisciplinary science course, enables students to develop critical thinking skills to make informed decisions concerning the manipulation of raw materials and other resources. It enables students to develop inquisitive minds and positive attitudes for better living.</p>	10-12 grades	Mr. Rasby
<p>BIOLOGY – Year Long Class Prerequisites: Passed High School Physical Science Biology is the study of living organisms. In this course students will investigate the fundamental properties common to all living organisms such as the structure and function of cells, basic cell processes, cell reproduction, DNA and protein synthesis, cell metabolism, chemistry of life, and basic genetics. Students will also investigate the diversity of life by studying the evolution and classification of living organisms. Student’s grade will be based on the accumulation of points earned from lecture exams, lab activities, lab reports, lecture activities, presentations, and quizzes.</p>	10th Grade - Required	Mr. Hagge

<p>CHEMISTRY – Year Long Class Prerequisite: Geometry, Algebra II & Physical Science Chemistry is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes, chemical bonding and how the kinetic molecular theory and intermolecular forces explain the physical and chemical characteristics of matter. Additional aspects of chemical reactions including limiting reactants, percent yield, equilibrium, reaction rates, and thermochemistry are considered. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry- based approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Atomic Structure, Matter and Energy, Interactions of Matter, Structure of Matter, States of Matter, and Reactions. Students will demonstrate acquisition of the methods of science by performing one or more of the following: framing hypotheses, making predictions, designing observations or experiments, constructing explanations. Student’s grade will be based on the accumulation of points earned from lecture exams, lab activities, lecture activities, projects, presentations, and quizzes.</p>	<p>11-12 grades</p>	<p>Mr. Rasby</p>
<p>EARTH SCIENCE – Semester Class (Online Class – Proctored by Mr. Rasby) Earth Science provides an opportunity for a student to engage in topics concerning mapping of the Earth, matter and minerals, rocks and rock cycles, changes of the surface and interior of a dynamic Earth, and the forces that drive these changes. Earth science will also examine Earth’s climate and weather, the origins and evolution of the Earth, as well as investigations into the universe. Earth Science is an online course intended for 10th or 11th graders. Course will cover, but is not limited to: the underlying principles of life, earth, and physical science are integrated in this study of the universe, Earth structures, Earth systems, and Earth processes, relationships among the sources of energy & their effects on Earth’s systems, history and evolution of the Earth, stars, and the universe.</p>	<p>9-12 grades</p>	<p>Mr. Rasby</p>
<p>PHYSICAL SCIENCE 9 – Year Long Class Physical Science is a laboratory science course that examines the relationship between matter and energy and how they interact. This course will have a strong emphasis in the mathematics of Physics and Chemistry. Students explore physics and chemistry concepts through an inquiry approach. Embedded standards for Inquiry, Technology & Engineering, Physical Science, and Mathematics are taught in the context of the content standards for Atomic Structure, Periodic Table Characteristics, Chemical and Physical Properties, Chemical Reactions, Chemical Bonding, Mechanics, Thermodynamics, Waves and Sound, Light, Electricity and Magnetism, and Atomic & Nuclear Science. Students will demonstrate acquisition of the methods of science by performing one or more of the following: framing hypotheses, making predictions, designing observations or experiments, constructing explanations. Student’s grade will be based on the accumulation of points earned from lecture exams, lab activities, lecture activities, projects, presentations, and quizzes.</p>	<p>9th Grade – Required</p>	<p>Mr. Rasby</p>
<p>PHYSICS – Year Long Class Prerequisites: Trigonometry, Geometry, and Physical Science Physics is a laboratory science course that examines the relationship between matter and energy and how they interact. This course will have a strong emphasis in the mathematics of Physics. Students explore physics concepts through an inquiry approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Mechanics, Thermodynamics, Waves and Sound, Light, Electricity and Magnetism, and Atomic & Nuclear Science. Students will demonstrate acquisition of the methods of science by performing one or more of the following: framing hypotheses, making predictions, designing observations or experiments, constructing explanations. Student’s grade will be based on the accumulation of points earned from lecture exams, lab activities, lecture activities, projects, presentations, and quizzes.</p>	<p>11-12 grades</p>	<p>Mr. Rasby</p>

<p>SCIENCE RESEARCH – Semester Class—Independent Study</p> <p>This is a semester research class where the students will apply the scientific process by researching, designing and carrying out scientific investigations. Student research project can come from topics in life science, physical science, earth and space science, applied science, mathematics, sociology and psychology. The student will be required to present the project at the NJAS Southeast regional science fair and at NJAS State science fair if project qualifies for State.</p>	9-12 grades	Mr. Hagge
<p>UNK BIOLOGY 105 – Semester Class Prerequisites: Senior, three years of high school science including biology and chemistry and a minimum score of 20 on the ACT. Some exceptions to prerequisites maybe granted with instructor’s approval. This is a semester dual credit biology course. You will receive Louisville High School science credit and you will also register for 4 semester credits of transferable college credit through the University of Nebraska-Kearney (UNK). Therefore, this course will be taught as a college lecture/lab biology class. There will be three hours of lecture and two hours of lab each week. Biology 105 is the first course in the introductory biology series. The introductory biology series is designed to provide individuals who have an interest in the life sciences with the foundation for understanding biology and the basic knowledge necessary to pursue further studies in the discipline. Biology 105 focuses on organismal biology, evolution and ecology. Students will be graded on lecture exams, quizzes, labs, lab reports, lecture activities and projects.</p>	12th Grade–Dual Credit	Mr. Hagge
<p>UNK BIOLOGY 106 – Semester Class Prerequisites: Senior, three years of high school science including biology and chemistry and a minimum score of 20 on the ACT. Some exceptions to prerequisites maybe granted with instructor’s approval. This is a semester dual credit biology course. You will receive Louisville High School science credit and you also receive for 4 semester credits of college credit through University of Nebraska-Kearney (UNK). Therefore, this course will be taught as a college lecture/lab biology class. There will be approximately three hours of lecture and two hours of lab each week.</p> <p>Biology 106 is the second course in the introductory biology series. The introductory biology series is designed to provide individuals who have an interest in the life sciences with the foundation for understanding biology and the basic knowledge necessary to pursue further studies in the discipline. Biology 106 includes the study of bacteria and viruses. In addition, we will cover a variety of topics associated with cellular structure and function, including development, metabolism, reproduction, inheritance, and the basics of biotechnology.</p>	12th Grade–Dual Credit	Mr. Hagge
<p>ZOOLOGY – Semester Class</p> <p>Prerequisites: Passed Biology, or permission from the instructor.</p> <p>Zoology is defined as the study of animals. This course will cover animal evolution and classification, animal organization and homeostasis, animal development, and animal behavior. In Zoology we will study the characteristics of the nine major animal phyla. The majority of the laboratory work in this course will involve animal dissections and comparative anatomy. Grades will be based on lecture exams, lab exams, lab activities, and projects. This is an ideal course for students who are interested in pursuing a health science or biology related career after high school.</p>	11-12 grades	Mr. Hagge
SOCIAL STUDIES COURSE OFFERINGS		
<p>AMERICAN HISTORY – Year Long Class</p> <p>This course will offer students an excursion into the past as we examine the major eras of U.S. starting with a review of Reconstruction and western expansion following the Civil War and culminating with an examination of the issues facing the nation today. Throughout the course, we will use a thematic approach to investigate the lives of Americans, the role of government in domestic and foreign affairs, as well the sacrifices made by Americans to shape this country.</p>	11th Grade – Required	Mr. Bausch

<p>ECONOMICS – Semester Class This course will examine basic economic principles and theories at the micro and macro levels. We will focus on better understanding ourselves and the people around us by analyzing the decision-making process and the underlying economic motivators. The course will utilize a wide range of real-world topics ranging from buying and selling decisions, to criminal activity, to social problems such as obesity, medical coverage, organ donation, unemployment, and global climate change.</p>	12th Grade – Required	Mr. Bausch
<p>GOVERNMENT – Semester Class This course examines the foundations of American government by looking at the history of government and its purpose. An in depth analysis of the Constitution is used to reveal the reasons for its creation. Political parties will be studied so that students may start to develop their own set of core beliefs. The government will be broken down into its three branches and then the structure and role of each will be examined. Government’s abilities to influence the economy will also be considered.</p>	12th Grade – Required	Mr. Bausch
<p>PSYCHOLOGY – Semester Class Psychology is a study of individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Social studies exam how a society works. Psychology in a micro analysis of the building blocks of a society. Studying Psychology helps us understand others and ourselves. Why do we individually think and act the way we do? Through this course, we will discover new ways to think about ourselves and ways to interpret the behavior of others. We will examine why each individual is uniquely different; yet, in many essential ways, very similar. This elective class that you have chosen is intended to help you understand yourself and those around you and better apply this understanding of individuals to other social sciences.</p>	11-12 grades	Mr. Haun
<p>MILITARY HISTORY – Semester Class Prerequisites: World History & World Geography (recommended) This class is an exploration of the major military conflicts that the United States has been involved in throughout our history. This course focuses primarily on the American Revolution and the Civil War.</p>	11-12 grades	Mr. Bausch
<p>MODERN PROBLEMS – Semester Class Prerequisites: World History & World Geography (recommended) This class will focus on the major issues of 21st century society. Students will research, investigate, and deliberate foreign policy issues such as nuclear proliferation, terrorism, immigration, international trade, climate change, etc, as well as domestic issues such as health care, social security, education, and poverty.</p>	11-12 grades	Mr. Bausch
<p>WORLD GEOGRAPHY – Year Long Class World Geography is a case-study approach to the study of the world. It draws, on physical sciences, history, economics, and sociology to create a global perspective. Basic social studies skills as well as Geographical knowledge will be the focus of the course, as well as an introduction into the cultures, religions, resources, and environments of people in every region of the world.</p>	9th Grade – Required	Mr. Haun
<p>WORLD HISTORY – Year Long Class Prerequisites: World Geography The purpose of this course is to give students a better understanding of the complex global community that we live and participate in on a daily basis. The goal is not to learn everything that happened in World History but to focus on broad themes and look at cross cultural connections that do relate to our world today. The course will begin with the Roman Republic and move through the Cold War. The goal is that students will walk away from this course with a better understanding of the world around us and how it affects our everyday lives here in the United States.</p>	10th Grade – Required	Mr. Haun

<p>UNK US HISTORY – Semester Class This course is a survey of United States history from the discovery of the New World through and including reconstruction. Emphasis will be placed on the ideas and social, economic, political, and technological forces that have shaped our nation. The course is dual credit. Students will be given 3 hours of credit through UNK. Tuition must be paid by the student, and there is an attendance policy.</p>	12th Grade – Dual Credit	Mr. Haun
TECHNOLOGY COURSE OFFERINGS		
<p>HIGH SCHOOL TECHNOLOGY I – Semester Class Students will explore the Adobe Creative Cloud Suite software to create professional designs for print, illustrations, animations, and video production. The Adobe Creative Cloud Suite includes Adobe InDesign, Illustrator, After Effects and Photoshop. Students will also produce quality video and sound projects that include podcasts and video streaming for various school activities.</p>	9-12 grades	Mr. Brewer
<p>HIGH SCHOOL TECHNOLOGY II– Semester Class Prerequisites: Information Tech Applications I Students will advance the skills learned in the previous course. Students will continue to use of the Adobe Creative Cloud Suite software. Adobe Premier will be introduced as the primary video production tool. Students will also produce quality video in which they may enter into contests or display during streamed broadcasts of school events.</p>	9-12 grades	Mr. Brewer
<p>ROBOTICS – Year Long Class Students will use the VEX Robotics System to deeply understand robotic systems. Students will learn structure, motion, power, sensors, control, logic and programming systems of a robot while using the engineering problem solving model. Students in this course will research applications of robotics used around the world to improve the quality of life for people. Critical thinking, flexibility, teamwork and communication skills will be stressed throughout the course. Students will also have the opportunity to compete against peers to test their knowledge of robotics.</p>	9-12 grades	Mr. Simons
TEST PREP STRATEGIES COURSE OFFERINGS		
<p>ENGLISH POINTS Three 6-Week Rotations (Math, Language Arts, & Science) Personalized program is designed to bring out the potential in students of all abilities In-house ACT/SAT preparation as a means of achieving an equitable distribution of test preparation resources.</p>	11th Grade - Required	Mrs. Baker
<p>MATH POINTS Three 6-Week Rotations (Math, Language Arts, & Science) Personalized program is designed to bring out the potential in students of all abilities In-house ACT/SAT preparation as a means of achieving an equitable distribution of test preparation resources.</p>	11th Grade - Required	Mr. Roth
<p>SCIENCE POINTS Three 6-Week Rotations (Math, Language Arts, & Science) Personalized program is designed to bring out the potential in students of all abilities In-house ACT/SAT preparation as a means of achieving an equitable distribution of test preparation resources.</p>	11th Grade – Required	Mr. Rasby