



Jackson County Central High School



Registration Guide 2026-2027



Table of Contents

Schedule Changes.....	2
College Credit Options.....	3-4
English.....	5-7
Social Studies.....	8-11
Mathematics.....	12-15
Science.....	16-19
Health.....	20
Physical Education.....	21-22
Agriculture.....	23-26
Technology Education.....	27-29
Business.....	30-31
Art.....	32-38
Music.....	39
World Language.....	40-41
Other Electives.....	42

For Graduation Credit Requirements and Grade Level Registration Worksheets –

[Check out Registration Information](#)

Schedule Changes

The pre-registration process determines the high school master schedule for the entire academic year; therefore, requests for schedule changes will be considered, but approval is not guaranteed.

Priority Drop/Add by grade level occurs prior to the start of the new school year on designated dates only. At the beginning of each quarter, students are allotted two days to request Drop/Add changes. In reviewing requests, the highest priority will be given to maintaining appropriate class sizes (both minimum and maximum) and ensuring balanced enrollment across sections.

All schedule change requests must be submitted to the school counselor. Drop/Add forms are available in the Counseling Center. Students may review potential options for schedule changes by consulting the master schedule listed under "High School Courses" on the High School Counseling webpage. If a schedule change request is approved, the update will be reflected in the student's schedule in Infinite Campus.

Requests can be made for the following reasons:	Requests may not be granted for the following reasons:
• To add a class that is needed to graduate • There is an error on the schedule • The student does not have the prerequisite(s) for a class • The student failed a class • The student would like to balance out required classes and elective classes	• To change lunch periods • To have a class with a friend • To accommodate PSEO • To request a specific teacher/switch sections for the same course to get a different teacher • The class is closed, balance is off and/or class is at the minimum class size of 10

The administration reserves the right to make changes in schedules when it is determined to be in the best interest of the overall school program and/or individual student. Course availability is subject to minimum course enrollment.

College Credit Options

College in the Schools (CIS)

Grade 10-12

CIS courses are college-level classes taught and taken at JCC High School by highly qualified teachers. Upon successful completion, the student will earn college credit. Students must meet the enrollment criteria for the university. The criteria are linked below. Below are the current CIS course offerings and the issuing institution.

- **CIS Intro to Literature** - [MN West](#)
- **CIS College Composition** - [MN West](#)
- **CIS Children's Literature** - [MN West](#)
- **CIS American Government** - [Southwest Minnesota State](#)
- **CIS Introduction to Education** - [Southwest Minnesota State](#)
- **CIS Child Growth & Development** - [Southwest Minnesota State](#)
- **CIS Psychology** - [Southwest Minnesota State](#)
- **CIS Calculus 1** - [Southwest Minnesota State](#)
- **CIS Pre-Calculus** - [Southwest Minnesota State](#)
- **CIS Algebra 3** - [Southwest Minnesota State](#)
- **CIS Statistics** - [Southwest Minnesota State](#)
- **CIS Anatomy & Physiology** - [MN West](#)
- **CIS Principles of Biology 1** - [MN West](#)
- **CIS Principles of Biology 2** - [MN West](#)
- **CIS Medical Terminology** - [MN West](#)

Postsecondary Enrollment Options (PSEO)

Grade 10-12

PSEO might look like an attractive way for students to begin earning college credits; however, the high school student who qualifies is expected to be an independent learner. PSEO high school students are treated like college students and communicate directly with college staff. The high school counselor confirms initial eligibility, collects the JCC HS PSEO information sheets, distributes and sends in the registration forms/transcripts to the college, and approves substitutions for required high school credits. All other steps are the responsibility of the PSEO student. The student works directly with their college PSEO advisor.

Closely read the [JCC HS PSEO Information](#) sheet. A returned, signed copy serves as a student's notice to the school district of their interest in PSEO for the upcoming school year. This sheet can be viewed on the [Counseling Webpage](#) and picked up in the Counseling Center. The high school student and parent/guardian must sign off to acknowledge that they understand the pros and cons of deciding to participate in PSEO.

Students are made aware of PSEO before March 1 during registration. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09. According to MN State Statute, students must notify their High School by May 30 for the fall semester and Oct. 30 for the spring semester if they plan to attend PSEO.

COLLEGE ADMISSION RECOMMENDATIONS

Below are recommended guidelines for entrance into most four-year colleges/universities; however, each institution may vary slightly.

- | | |
|------------------|-----------------------------------|
| • English | 4 years (8 JCC HS Credits) |
| • Social Studies | 4 years (8 JCC HS Credits) |
| • Math | 3-4 years (6 or 8 JCC HS Credits) |
| • Science w/ lab | 3-4 years (6 or 8 JCC HS Credits) |
| • World Language | 2 years (4 JCC HS Credits) |
| • Fine Arts | 1 year (2 JCC HS Credits) |

The ACT and/or SAT are no longer required for admission to every college. Please check with the college for current requirements and the benefits of taking one of these assessments.

NCAA Guidelines

Understanding **NCAA eligibility** is important for athletes planning to pursue sports at the collegiate level. All required core classes and foreign language classes have been approved by NCAA with the exception of Geometry in Construction and any basic level classes.

Student-athletes are strongly encouraged to check the approved course list on the NCAA website. Student-athletes should register early in their high school careers with the eligibility center so they understand how earning eligibility works. Taking foreign language classes and advanced science and math classes in high school is strongly encouraged. Athletes with questions should talk to their coaches and/or the athletic director. **Information is found on www.ncaa.com.**

January 13, 2026

English

English 9

Course # 101

Grades 9

✓ **Required**

Prerequisite: English 8

Semester 2 Credits

This course is designed as a general review of grammar, mechanics, and usage. Elements of short stories, poetry, novels, drama, and nonfiction will be introduced. Writing, both formal and creative, will be part of this class. Students will learn about the writing process and acquire strategies to enable them to pass the MCA Writing Test. Completing the research paper is a requirement to complete the course. Generally, this class is an exposure to all the language arts rather than a focused look at any one of them.

English 10

Course # 102

Grades 10

✓ **Required**

Prerequisite: English 9

Semester 2 Credits

This course is designed to give sophomore students a foundation in the basic elements of good literature. Students learn to read for more than just the story. They analyze characters, study literary techniques, and discuss authors' purposes. Through thinking, talking, and writing about ideas in literature, students are led to understand that literature is the art of revealing the truth about life. This course includes short stories, poetry, drama, and novels. Student writing is a part of the work in this course and is always done with relevance to the type of literature being studied. Some informal speaking activities will also be included. Students are also required to review the elements of grammar and correct usage. In addition, students will be given a review of reading strategies to enable them to pass the MCA Reading Test.

Husky English

Course # 115

Grades 10

✓ **Required**

Prerequisite: None

Quarter 1 Credit

This required course will have a double focus on developing students' mastery of the state standards in reading and applying those skills in a student-driven research project. The first half of the class will apply the principles of the Science of Reading to build the students' ability to actively read informational texts. The second half of the course will see the students apply their reading skills as they conduct research into a topic of their choosing and synthesize their findings into a final product that is appropriate to their research.

Rationale: As evidenced by the school's MCA scores, JCC students have demonstrated a need for additional instruction in the areas of reading and math. Husky English will address the shortcomings in the area of reading, with a specific focus on reading informational texts. The inclusion of a research project encourages the students to apply their improved reading skills in an area that interests them, which should improve student engagement. By adding Husky English to the schedule, students will gain approximately 4,200 minutes of reading instruction and practice during their sophomore year. **Other:** Husky English would be offered during the first three quarters of a block schedule. This would allow students to reap the benefits of the extra instruction before taking their MCA Reading test.

Novels

Course #108

Grades 11-12

ReqCredit Option

Prerequisite: English 9 and 10

Quarter 1 Credit

This course invites students to engage critically with novels ranging from classics to more contemporary titles. Classwork will include literary analysis in discussion and written format. Students will read critically to comprehend, interpret, and analyze themes and central ideas in literary texts.

Intro to Journalism **Course # 112** **Grades 10-12** **ReqCredit Option**
Prerequisite: With at least a "B" in your previous two quarters of English
Quarter 1 Credit

This course will give students an overview of the journalism field, with an emphasis on print media. Major topics covered will include the history of journalism, ethics, and newspaper writing (news, editorials, sports, and features). Students will also produce a weekly school newspaper.

Composition **Course # 104** **Grades 11-12** **ReqCredit Option**
Prerequisite: English 9 & 10
Quarter 1 Credit

This course will give students experience writing for a variety of audiences and for a variety of purposes.

Mystery Novels **Course #109** **Grades 11-12** **ReqCredit Option**
Prerequisite: None
Quarter 1 Credit

This course invites students into the world of classic detective fiction through the works of two masters of the genre: Agatha Christie and Arthur Conan Doyle. Students will explore the origins and evolution of modern mystery writing by examining the iconic detectives Hercule Poirot and Sherlock Holmes, analyzing how each author constructs suspenseful narratives, memorable characters, and intricate puzzles.

Comic Books **Course #111** **Grades 11-12** **ReqCredit Option**
Prerequisite: English 10
Quarter 1 Credit

This course will have a dual focus on comics theory and on the evolution of the American comic book. After starting with an introduction to comics and comics theory, the course will shift to examine the various eras of the American comic book, starting with Action Comics #1 (the first appearance of Superman) and progressing through modern comics. Discussions will focus on how the literary medium impacts, and has been impacted by, American culture.

Intro to Literature (CIS) **Course # 153** **Grades 11-12**
Prerequisite: Qualify for Concurrent Enrollment - College Credit
Quarter 1 Credit

1 credit offered through Minnesota West. Intro to Literature examines the elements, forms, and content of fiction, drama, and poetry. The course aims to introduce students to various genres of literature, with an emphasis on reading strategies and reading analysis. Assignments include readings, literary reflections, and a research-based literary presentation.

College Composition (CIS) **Course # 154** **Grades 11-12**
Prerequisite: Qualify for Concurrent Enrollment - College Credit
Quarter 1 Credit

Offered through Minnesota West. Composition I reviews and reinforces basic essay writing principles. Emphasis is on rhetorical modes of development and writing as a process. Assignments include several essays and a short research paper.

Children's Literature (CIS)

Course #150

Grades 11-12

Prerequisite: Qualify for Concurrent Enrollment - College Credit

Quarter 1 Credit

Children's Literature analyzes and surveys the history of Children's Literature while teaching methods of evaluation and organization criteria for Children's Literature (early literacy, primary, and intermediate children's books).

Social Studies

Economics - Social **Course # 207** **Grades 11-12** **ReqCredit Option**

Prerequisite: None

Quarter 1 Credit

***** Meets the Economics State Requirement**

This is a survey course exploring both macroeconomics and microeconomics. The class will cover the following topics:

1. Foundations of capitalism and free enterprise
2. Entrepreneurship
3. Supply and demand
4. Money, banking, taxes and taxation
5. International trade and the Federal Reserve

Economics - Agriculture **Course # 1110** **Grades 11-12** **ReqCredit Option**

Prerequisite: None

Quarter 1 Credit

***** Meets the Economics State Requirement**

The high school economics course is designed to provide students with a fundamental understanding of economic principles and their application to various aspects of society. Through the exploration of topics such as microeconomics, macroeconomics, and personal finance, students will develop the knowledge and skills necessary to make informed decisions as consumers, workers, and citizens. The course aims to foster critical thinking and analytical skills, enabling students to comprehend and engage with economic issues at both the individual and societal levels.

Note: This economics course aims to equip students with a solid foundation in economic principles and their practical applications. By examining real-world scenarios and economic issues, students will develop the skills needed to understand and navigate the complexities of the global economy, empowering them to make informed decisions in their personal and civic lives.

Social Studies 9 **Course # 201** **Grades 9** **✓ Required**

Prerequisite: None

Semester 2 Credits

This course combines key Minnesota Geography standards with early U.S. history to explore how geography shaped the development of the United States. Students investigate physical and human geography, Indigenous cultures, exploration, settlement patterns, and the geographic factors that influenced major historical events. The course builds map skills, spatial reasoning, and historical thinking to prepare students for the remainder of the U.S. History sequence.

American History 10 **Course # 202** **Grades 10** **✓**

Required

Prerequisite: None

Semester 2 Credits

This is a survey course, taught by all high school Social Studies staff, starting where Social Studies 9 leaves off. Topics include the Civil War, the Wild West, the Industrial Revolution and its effects, the Progressive Era, the emergence of America as a world power, and World War I. The following units will be covered in the second half: the Roaring '20s, the Great Depression, World War II, the Cold War, including Vietnam and the Korean War, the Civil Rights movement, and the U.S. involvement with the Middle East.

World History 11

Course # 203

Grades 11



Required

Prerequisite: None

Semester 2 Credits

This World History course provides a comprehensive exploration of global history from its foundations to the contemporary world, covering major eras including The World Before 1750, The First Global Age, The Age of Revolutions, A World in Crisis, and the Cold War. The curriculum is structured to explore these historical periods and their interconnectedness. We emphasize five essential themes across all units: cultural interactions (the exchange of ideas and beliefs), political structures (governance and power), economic structures (trade and labor), social structures (class, hierarchy, and societal organization), and human-environment interaction (how people adapt to and impact their world). Students will develop a deep understanding of historical continuity and change by analyzing key turning points across the span of human civilization.

American Government

Course # 204

Grades 12

✓ Required

Prerequisite: None

Quarter 1 Credit

This is a survey introduction course for the American government. Topics include: the foundations of American government, the three branches of government, voting and the electoral system, political parties, civil liberties, and public policies. This course aligns with the Minnesota Social Studies standards, focusing on 12 different priority standards. Course objectives: Students will learn about the foundations of the United States government through historical inquiry, primary source investigation, and discussion. Students will practice and develop critical thinking skills necessary for active and educated citizens. Students will understand how the government continues to shape our world and how our actions influence the future. Students will apply their knowledge, skills, and abilities during authentic learning tasks.

Criminal Justice

Course # 206

Grades 11-12

Elective

Prerequisite: None

Quarter 1 Credit

This course is designed to give high school students an introduction to the American legal system. Students are provided with an understanding of their legal rights and responsibilities, knowledge of everyday legal problems, and the ability to analyze, evaluate, and in some situations, resolve legal disputes. This course will address general problems in the areas of the criminal and juvenile justice systems. Major topics include the goals and models of criminal justice; history and techniques of policing; criminal trials; and the correctional system.

Current Issues

Course # 208

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

Students will follow, discuss, and use critical thinking skills about current issues facing our city, state, country, and world. We will keep up to date on all the big stories and issues of the day. Grades will be based on regular assignments and tests, and weekly current events.

Social Philosophy & Debate

Course # 210 Grades 11-12

Elective

Prerequisite: None

Quarter 1 Credit

Students will be expected to research and debate different social issues and philosophical questions. Students will need to develop thought-provoking questions/arguments/analyses that are based on research and personally educated opinions. We will also be looking at past philosophers' viewpoints and using their stances to develop our philosophical views. Once students have developed a stance, they will then be expected to defend their philosophical view/opinion, supported with research. Topics and readings discussed range from logic, ethics, political philosophy, freedom and determinism, what is the mind?,

Plato's Republic, and civil disobedience.

<u>History of Pop Culture</u>	Course # 212	Grades 9-12	Elective
	<i>Prerequisite: None</i>		
	Quarter 1 Credit		

This course will analyze and evaluate aspects of 20th- and 21st-century pop culture and its role in society. It explores popular culture as important economic, political, and social texts and works to understand how the production and consumption of popular culture shapes, and is shaped by, your lived experiences. Put another way, this course explores what popular culture says about society and, conversely, what society says about popular culture.

<u>Modern American History</u>	Course # 222	Grades 10-12	Elective
	<i>Prerequisite: None</i>		
	Quarter 1 Credit		

Modern American History is a study of the United States from 1980 to the present. The course explores political, social, and economic events and people that impacted the United States and their impact on our world today.

<u>Modern World History</u>	Course # 223	Grades 10-12	Elective
	<i>Prerequisite: None</i>		
	Quarter 1 Credit		

Modern World History is a study of global history from 1980 to the present. The course explores political, social, and economic events and people that impacted the world and their impact on the world today.

<u>Abnormal Psychology</u>	Course # 253	Grades 10-12	Elective
	<i>Prerequisite: None</i>		
	Quarter 1 Credit		

This course provides an examination of the various psychological disorders, as well as theoretical, clinical, and experimental perspectives of the study of psychopathology (the study of mental illness). Emphasis is placed on terminology, classification, etiology (causes), assessment, and treatment of the major disorders. Upon completion, students should be able to distinguish between normal and abnormal behavior patterns as well as demonstrate knowledge of etiology, symptoms, and therapeutic techniques.

<u>Psychology</u>	Course # 254	Grades 11-12	Elective
	<i>Prerequisite: None</i>		
	Quarter 1 Credit		

This course surveys content areas of general interest in psychology. Topics include major schools of thought in psychology, development, states of awareness, learning, memory, health and stress, personality, abnormal behavior, psychotherapy, and social issues.

<u>Psychology (CIS)</u>	Course # 255	Grades 11-12
	<i>Prerequisite: Qualify for Concurrent Enrollment - College Credit</i>	
	Quarter 1 Credit	

Offered through SMSU. This course surveys content areas of general interest in psychology. Topics include major schools of thought in psychology, development, states of awareness, learning, memory, health and stress, personality, abnormal behavior, psychotherapy, and social issues.

American Government (CIS) **Course # 234** **Grades 11-12**

Prerequisite: Qualify for Concurrent Enrollment - College Credit

Quarter 1 Credit

Offered through SMSU. See page 26 for course qualifications.

Surveys the executive, legislative, and judicial branches of the national government; the role of political parties, interest groups, and public opinion. Includes discussion of local and state government and the political uses of the law.

*This course can be taken in place of American Government # 204 for college credit if qualifications are met.

Introduction to Education (CIS) **Course # 250** **Grades 11-12**

Prerequisite: Qualify for Concurrent Enrollment- College Credit

Quarter 1 Credit

Introduction to Education is an introduction to early childhood, elementary, and secondary education for students interested in teaching. The course includes the study of historical and social foundations of education, topics such as inquiry into the teaching and learning process, schools in a multicultural and diverse society, the profession of teaching, principles of cooperative group learning, cultural differences, communication, and stereotyping. As a part of this course, students are required to participate in a 20-hour field experience observation. School districts will be responsible for placing each student with an appropriate teacher, who must be a licensed K-12 teacher and have at least one year of experience in their field. Valid teaching licenses must be presented at the time of student placement. The students should be placed in their area of interest, which can be within the district or in another district.

Successful enrollment requires the student to have the ability to travel between Jackson and Lakefield. Travel accommodations will not be provided by the district.

Child Growth & Development (CIS) **Course # 252** **Grades 11-12**

Prerequisite: Qualify for Concurrent Enrollment- College Credit

Quarter 1 Credit

Offered through SMSU. An introductory study of child growth and development from conception through adolescence with a concentration on the physical, cognitive, and social-emotional domains of development. Emphasis areas of the course include historical foundations and theories associated with the study of child development, the research process, the implications of teaching and learning, student diversity, and pertinent topics associated with the possible effect of environment and behavior on prenatal development through adolescence.

Mathematics

Data Analysis & Probability **Course # 301** **Grades 9** ✓ **Required**

Prerequisite: Algebra (8)/Teacher Placement

Semester 2 Credits

Students taking this course will be able to display and analyze data using various measures associated with data to conclude, identify trends, describe relationships, calculate the correlation coefficient, and find models representing the line of best fit to make predictions. Students will be able to apply probability concepts to solve real-world and mathematical problems. Students will be able to represent real-world and mathematical situations using equations and inequalities, including linear programming, and explain results in the original context. Students will also review mathematical concepts necessary for Algebra 2.

Algebra 2 (10-12) **Course # 302** **Grades 10-12** ✓ **Required**

Prerequisite: Data Analysis & Probability

Semester 2 Credits

This course provides a continuation of the basic algebraic concepts learned in Algebra I. It will expand on algebra concepts both in theory and application. In addition to the study of the basic algebraic concepts of simplifying algebraic expressions and solving algebraic equations and inequalities, the students will study irrational numbers, complex numbers, functions and relations, polynomials, sequences and series, and quadratic functions.

Geometry **Course # 303 & 303B** **Grades 11-12** ✓

Required

Prerequisite: Data Analysis & Probability

Semester 2 Credits

The course includes the study of points, lines, planes, polygons, angles, solids, and their properties. The major emphasis is to prove objects congruent and similar and to find the area and volume of 2-D and 3-D figures. Other concepts to be studied include elementary logic, postulates, theorems, similarity, and proportions. Trigonometry, coordinate geometry, and transformations are introduced. Students will be able to calculate the measurements of plane and solid geometric figures and know that physical measurements depend on the choice of units and approximations. They will know and apply the properties of geometric figures to solve real-world problems and to logically justify their results.

Husky Math **Course # 315** **Grades 11** ✓ **Required**

Prerequisite: Data Analysis & Probability

Quarter 1 Credit

Students taking this course will review and enrich their understanding of the Minnesota math standards. They will cover topics in algebra, geometry, data analysis, probability, and statistics. They will receive instruction on linear functions, consisting of slope, slope-intercept formula, function notation, graphs, and inequalities. They will also receive instruction on quadratic functions, consisting of intercepts, maximums, minimums, intervals of increase and decrease, standard form, and vertex form. They will also learn about non-linear and non-quadratic functions consisting of absolute value, piecewise, cubic, square root, and translation of functions. Solving systems of equations and inequalities will be reviewed. Topics in statistics, like measures of central tendency, distribution, and standard deviation will also be covered.

Math-Based Computer Programming **Course# 320** **Grades 10-12** ***Elective***

Quarter 1 Credit

Computer programming is a fascinating field that could be a great fit for many students. The Bureau of Labor Statistics projects a 25 percent increase in jobs for software developers, testers, and quality assurance analysts between 2021 and 2031. In this course, we will study.

- Programming fundamentals: The basics of computer programming, including software, program design, and development
- Problem-solving: How to use mathematical and logical expressions to solve computational problems
- Programming languages: How to use text-based programming languages to develop and explain a performance task
- Object-oriented programming: Concepts and techniques for object-oriented programming, such as classes, objects, data types, and control statements
- Algorithmic thinking: How to use algorithms and pseudo code to solve problems
- Data structures: Basic concepts of data structures and resource management.
- Coding languages: The course will introduce some specific languages, but will primarily focus on processes instead of language.

Geometry 10 Course # 332 & 332B Grades 10 ✓ Required

Prerequisite: Data Analysis & Probability and Teacher Approval

Semester 2 Credits

The course is faster-paced and more in-depth than the regular Geometry course. The course includes the study of points, lines, planes, polygons, angles, solids, and their properties. The major emphasis is to prove objects congruent and similar. Areas including elementary logic, postulates, theorems, similarity, and proportions are developed. Trigonometry, coordinate geometry, and transformations are introduced. Students will calculate measures of plane and solid figures and know that physical measurement depends on the choice of units. They will know and apply properties of geometry to solve real-world problems and be able to logically justify their results.

Calculus 1 (CIS) Course # 334 Grades 12

Prerequisite: Algebra 2, Geometry, Pre-Calc/Qualify for Concurrent Enrollment -College Credit

Semester 2 Credits

Introduces the basic ideas of differential and integral calculus: topics include limits and continuity, differentiation of functions, applications of derivatives, definite and indefinite integrals, the fundamental theorems of integral calculus, numerical integration, and applications of definite integrals. This course will provide an excellent opportunity for the student to bridge the gap between high school math and college math.

Pre-Calculus (CIS) Course # 336 & 336B Grades 11-12

Prerequisite: Algebra 2 and Geometry/Qualify for Concurrent Enrollment - College Credit

Semester 2 Credits

Students will study the mathematics needed for calculus. Concepts are presented and explored from symbolic, graphical, and numerical perspectives. Basic concepts covered include systems of equations of two and several variables, sequences and series, matrices, and complex numbers. Functions will be analyzed, including polynomial functions, rational functions, radical functions, piecewise functions, compositions, inverse functions, and combinations of functions. Students will apply concepts and solve problems involving a variety of functions, exponential and logarithmic functions, conic sections, and vectors.

Basic Data Analysis & Probability Course # 342 Grades 9 ✓ Required

Prerequisite: Teacher Placement

Semester 2 Credits

Students taking this course will be able to display and analyze data using various measures associated with data to conclude, identify trends, describe relationships, calculate the correlation coefficient, and find models representing the line of best fit to make predictions. Students will be able to apply probability concepts to solve real-world and mathematical problems. Students will be able to represent real-world and mathematical situations using equations and inequalities, including linear programming, and explain

results in the original context. This course allows for a more applied look at mathematics and a review of concepts necessary for Basic Algebra 2.

Basic Geometry Course # 343 & 343B Grades 11-12 ✓ Required

Prerequisite: Teacher Approval, Basic Data Analysis & Probability

Semester 2 Credits

Students taking this course will be able to calculate measurements of plane and solid geometry figures, and know that physical measurements depend on the choice of a unit and that they are approximations. They will be able to construct logical arguments based on axioms, definitions, and theorems, to prove theorems and other results in geometry. They will also know and apply properties of geometric figures to real-world and mathematical problems and be able to logically justify results.

Algebra 3 (CIS) Course # 355 Grades 11-12

Prerequisite: Algebra 2/Qualify for Concurrent Enrollment - College Credit

Quarter 1 Credit

Students will review the fundamental operations of higher algebra integrated with a functions approach. Studies include the Cartesian plane and graphs, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, graphs and transformations, systems of equations and inequalities, matrices and determinants, and sequences and series. Students will apply concepts to solve problems and model data.

Statistics (CIS) Course # 356 Grades 11-12

Prerequisite: Algebra 2/Qualify for Concurrent Enrollment - College Credit

Quarter 1 Credit

Students will study the concepts of descriptive and inferential statistics, elementary combinatorics, and probability. Some of the topics addressed will be data sampling, data displays, distribution analysis, and measurement of error. Probability concepts will be applied to distributions of data. Applications for this course will cover a wide range of career choices, such as sociology, political science, psychology, medicine, engineering, and other scientific fields. Computers and graphing calculators will be used extensively.

Geometry in Construction Course # 380 Grades 11-12 Elective

Prerequisite: Data Analysis & Probability

Year 2 Credits

In integrated geometry and construction, students will be in a team-taught class.

* The course is recommended for pre-engineering, architecture, construction management, interior design, landscape architecture, construction trades, and surveying students.

* Learn safety, problem-solving, machine and tool use, and drawing interpretation. Have minimal or no previous construction experience.

* Be exposed to practical skills in building and carpentry trades by constructing the "cabin house" project.

- * Use various alternative materials, in addition to wood.
 - * Understand and exploit the interdependence between algebra and geometry.
 - * Learn a core set of geometry facts.
 - * Use coordinate geometry in the study of area, perimeter, volume, transformations, congruence, Pythagorean theorem, similar figures, trigonometry, quadrilateral properties, circle properties, logic, and functions.
- *** It does not count toward NCAA eligibility.*****

Science

Biology

Course # 402

Grades 10

✓ Required

Prerequisite: Earth and Space Science

Semester 2 Credits

Biology is a semester course designed to teach students about the basics of life and life processes on Earth. The following topics will be the focus of this course:

- Scientific Thinking: Students will examine the scientific method as well as explore the science of life. Students will relate the study of biology to their everyday lives.
- Cellular Biology: We will discuss how biology relates to chemistry, the cell's structure and function, explore how the cell creates energy and performs essential functions, and study how the cell reproduces.
- Genetics: We will examine the mechanisms of genetics, including the roles of DNA and RNA. We will also discuss applications of genetics, such as genetic engineering, to see how these technologies may impact our future.
- Evolution: We will examine the process of natural selection and discuss the mechanisms that lead to new species. We will also explore how evolution relates to biodiversity and community health.
- Ecology: We will discuss energy and nutrients and how they cycle through the biosphere. We will also explore population dynamics in ecosystems and examine how humans are impacting the environment.

Chemistry

Course # 403

Grades 11

✓ Required

Prerequisite: Teacher Placement, Algebra 1

Semester 2 Credits

Chemistry is the study of the combination or rearrangement of elemental matter. By exploring the interaction of these elements, chemists have been able to solve a variety of problems to make modern life what it is today. We grow more food, have better medicines, burn fuel more efficiently, and have several other conveniences because of chemistry.

This course will explore concepts of chemistry such as: how the subatomic make-up of atoms causes them to behave in specific ways, determining not only how chemicals react but how well a reaction occurs, and the energy produced by a reaction or needed to cause a reaction.

Chemistry is a semester-long course open to juniors seeking to fulfill their third science requirement. The primary math students will need to be able to do arithmetic. However, this math requires students to be able to keep track of numbers, much as they do in Algebra 1. Students will also use literacy skills to interpret and describe chemical reactions. Students will use their creativity to imagine the world too small to see by developing models of chemical phenomena.

Finally, this course will emphasize developing and having a problem-solving mindset. Students should approach learning with a mindset, not of what information they need to retain, but of how they can apply what they already know to new situations.

Forensic Science

Course # 405

Grades 11-12

Elective

Prerequisite: Biology

Quarter 1 Credit

Forensic Science is a quarter-long course that explores the science of our everyday lives with a focus on investigating crimes. This course is intended to provide students with an introduction to the understanding and practical application of forensic science techniques, including the following: fingerprinting, forensic DNA typing, bloodstain pattern analysis, forensic entomology, forensic toxicology, drugs and poisons, forensic anthropology, crime scene investigation, evidence collection and examination, ballistics, forensics and the law, and career opportunities in forensics. The final project will be to create and solve a crime scene simulation.

Zoology

Course # 406

Grades 11-12

Elective

Prerequisite: Biology

Quarter 1 Credit

Zoology is the study of animals. The purpose of this course is to introduce students to the animal kingdom. Students will study the structure, function, and evolution of the invertebrate phyla and the vertebrate classes. Students will also study animal adaptations, endangered species, animal population studies, and animal behavior. A majority of the course will be spent studying the vertebrate animal classes, including the following: fish, amphibians, reptiles, birds, and the mammalian orders. Supplemental coursework will include animal dissection, caring for small animals in the laboratory, and observing live animals in both the field and the laboratory.

Geology of the National Parks

Course # 407

Grades 10-12

Elective

Prerequisite: Earth & Space Science

Quarter 1 Credit

Explore Earth's natural wonders in this science elective! Delve into the geologic marvels, vibrant wildlife habitats, and diverse plant life of national and state parks and forests through hands-on activities. Elevate your learning with a field trip to a state or national park to discover and explore the amazing landscapes of the United States.

Earth & Space Science

Course # 412

Grades 9

✓ Required

Prerequisite: None

Semester 2 Credits

This course will cover Earth systems and processes, human impacts and sustainability in Earth systems, Earth's place in the universe, and weather and climate. Students will explore phenomena, look at data and evidence to solve problems, develop possible explanations and design solutions, and communicate reasons and argue ideas to others. Basic math skills and a basic calculator are required.

Robotics 1

Course # 413

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

Students enrolled in this course will demonstrate the knowledge and skills necessary for the robotics and automation industry. Through the implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotics and automation industry.

Conceptual Physics

Course # 414

Grades 9-12

Elective

Prerequisite: None

Semester 2 Credits

It is a requirement to take Chemistry, Chemistry in Our World, or Conceptual Physics to graduate. This course is an exploration of the principles of physics with less math. Students will learn how physical laws of nature describe everyday situations, from driving a car to floating in a boat, listening to music, or even simply turning on a light. The course will first spend time exploring mechanics, or the laws describing motion. Concepts such as sound, electricity, magnetism, and light will be built on this foundation. This is a semester-long course open to all high school students. This fulfills the school's third science requirement, although it is not sufficient for many four-year colleges. Students will need to be able to do basic math. Students will also embrace their creativity to design models that describe the physical world. Finally, students will be taught how to problem-solve and should be eager to go beyond collecting information to applying what they know to solve new and unique problems.

Environmental Science

Course #416

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

Explore the natural world and the impact humans have on it. This course examines ecosystems, biodiversity, natural resources, pollution, climate change, and sustainable solutions. Through hands-on labs, field investigations, and real-world case studies, students learn to think critically about environmental issues and discover ways to make a positive difference in their communities and the planet.

Chemistry in Our World

Course # 443

Grades 11-12

✓ Required

Prerequisite: Teacher Placement

Semester 2 Credits

Chemistry in Our World is for juniors fulfilling their third science requirement. In this course, we will explore the fundamental ideas of chemistry in a simplified manner. Students will learn about the basic

building blocks of matter, including atoms and elements, and how they interact with each other. We'll discuss how these interactions affect everyday life, from the food we eat to the medicines we take. Students will focus on basic arithmetic skills, allowing them to handle simple calculations similar to those in Algebra 1. We will also incorporate reading and writing activities to help students understand and describe chemical reactions clearly.

Throughout the course, we will emphasize a problem-solving mindset and scientific critical thinking skills. Students will learn to approach challenges by thinking about how they can use their existing knowledge to understand new situations, rather than just memorizing facts.

This course aims to build confidence and interest in science for all students, regardless of their background or learning needs.

Genetics

Course # 444

Grades 10-12

Elective

Prerequisite: Biology

Quarter 1 Credit

Dive into the science of heredity and discover how traits are passed from one generation to the next. This course covers DNA structure and function, patterns of inheritance, mutations, biotechnology, and the ethical questions surrounding genetic research. Through hands-on labs, simulations, and real-world examples, students explore how genetics shapes life—and their own place in the living world.

Anatomy & Physiology (CIS)

Course # 455

Grades 11-12

Prerequisite: Biology/Qualify for Concurrent Enrollment - College Credit

Semester 2 Credits

This course is designed to familiarize the student with basic human structures and functions. It is geared toward students entering the medical or advanced scientific fields. Students will learn how the human body is organized and how this organization helps it to function as a whole unit. Topics covered will include basic anatomical terminology and an in-depth study of all eleven systems within the body. The course will be enhanced with a dissection and a trip to the SDSU anatomy lab to view their cadavers.

To get credit for the second semester, you must complete the first semester.

Principles of Biology 1 (CIS)

Course # 460

Grades 11-12

Prerequisite: Physical Science and Biology/Qualify for Concurrent Enrollment-College Credit

Quarter 1 Credit

Students must be admitted to Minnesota West and meet requirements for the class; a B- or higher in JCC Biology. Investigates fundamental principles of biology with special emphasis on the composition of living things and living systems, the chemistry of living things, natural selection, cell biology, metabolism emphasizing bioenergetics and biosynthesis, the cell cycle, and genetics.

Principles of Biology 2 (CIS)

Course# 461

Grades 11-12

Prerequisite: Principles of Biology 1/Qualify for Concurrent Enrollment-College Credit

Quarter 1 Credit

Examines biological diversity and the basic mechanisms and concepts in organismal biology, including a survey of life forms (viruses, bacteria, protists, fungi, plants, and animals). Additional topics will include taxonomy, classification, structure, and function of the major groups of plants and animals.

Medical Terminology (CIS)

Course # 465

Grades 11-12

Prerequisite: Biology/Qualify for Concurrent Enrollment - College Credit

Quarter 1 Credit

This course provides an introduction to the language of medicine, focusing on the structure, meaning, and proper use of medical terms. Students will learn the prefixes, suffixes, root words, and combining forms that form the foundation of medical vocabulary. Topics include anatomical terms, diseases, diagnostic procedures, treatments, and medical specialties. Emphasis is placed on understanding the meaning of terms in context, improving pronunciation and spelling, and developing the ability to communicate

effectively in healthcare settings. By the end of the course, students will be equipped with the knowledge needed to succeed in medical, allied health, or biomedical fields.

Health

Health 9

Course # 560

Grades 9

✓ Required

Prerequisite: None

Semester 1 Credit

During Health 9, students will be given opportunities to apply the knowledge, skills, and confidence learned in a variety of activities to lead a healthy and active lifestyle now and beyond graduation. Students will participate in a wide variety of individual and small-group activities to learn about current health topics.

We will provide instruction based on the benchmarks for ninth grade within the eight National Health Standards:

Standard 1: Students will comprehend concepts related to health promotion and disease prevention to enhance health.

Standard 2: Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.

Standard 3: Students will demonstrate the ability to access valid information, products, and services to enhance health.

Standard 4: Students will demonstrate the ability to use interpersonal communication skills to enhance

health and avoid or reduce health risks.

Standard 5: Students will demonstrate the ability to use decision-making skills to enhance health.

Standard 6: Students will demonstrate the ability to use goal-setting skills to enhance health.

Standard 7: Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks.

Standard 8: Students will demonstrate the ability to advocate for personal, family, and community health.

Students will participate in a wide variety of individual and small group activities to learn about current health topics. Students will examine their lifestyles, select goals, and make plans to achieve and maintain a healthy lifestyle. The basis of this class is the health teacher curriculum.

Health 10

Course # 580

Grades 10

✓ Required

Prerequisite: Health 9

Semester 1 Credit

During Health 10, students will be given opportunities to apply the knowledge, skills, and confidence learned in a variety of activities to lead a healthy and active lifestyle now and beyond graduation. Students will participate in a wide variety of individual and small-group activities to learn about current health topics. We will provide instruction based on the benchmarks for 10th grade within the eight National Health Standards:

Standard 1: Students will comprehend concepts related to health promotion and disease prevention to enhance health.

Standard 2: Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.

Standard 3: Students will demonstrate the ability to access valid information, products, and services to enhance health.

Standard 4: Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.

Standard 5: Students will demonstrate the ability to use decision-making skills to enhance health.

Standard 6: Students will demonstrate the ability to use goal-setting skills to enhance health.

Standard 7: Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks.

Standard 8: Students will demonstrate the ability to advocate for personal, family, and community health.

Physical Education

Physical Education 9

Course # 550

Grades 9

✓ Required

Prerequisite: None

Semester 1 Credit

In Physical Education, 9, we will provide a curriculum where students can apply the knowledge, skills, and confidence learned in a variety of activities to lead a healthy and active lifestyle now and beyond graduation. Our department's focus will be to provide instruction based on the ninth-grade benchmarks within the five National Physical Education Standards, which are:

Standard 1: The physically literate individual demonstrates competency in a variety of motor skills and movement patterns.

Standard 2: The physically literate individual applies knowledge of concepts, principles, strategies, and tactics related to movement and performance.

Standard 3: The physically literate individual demonstrates the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.

Standard 4: The physically literate individual exhibits responsible personal and social behavior that respects self and others.

Standard 5: The physically literate individual recognizes the value of physical activity for health, enjoyment, challenge, self-expression, and/or social interaction.

Physical Education 10

Course # 570

Grades 10

✓ Required

Prerequisite: Physical Education 9

Semester 1 Credit

In Physical Education 10, we will provide a curriculum where students can apply the knowledge, skills, and confidence learned in a variety of activities to lead a healthy and active lifestyle now and beyond graduation. Our department's focus will be to provide instruction based on the ninth-grade benchmarks within the five National Physical Education Standards, which are:

Standard 1: The physically literate individual demonstrates competency in a variety of motor skills and movement patterns.

Standard 2: The physically literate individual applies knowledge of concepts, principles, strategies, and tactics related to movement and performance.

Standard 3: The physically literate individual demonstrates the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.

Standard 4: The physically literate individual exhibits responsible personal and social behavior that respects self and others.

Standard 5: The physically literate individual recognizes the value of physical activity for health, enjoyment, challenge, self-expression, and/or social interaction.

Standard 6: Students will demonstrate the ability to use goal-setting skills to enhance health.

Standard 7: Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks.

Standard 8: Students will demonstrate the ability to advocate for personal, family, and community health.

Weight Training for Girls

Course # 505

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

The emphasis in this course is on muscular strength, endurance, flexibility, and learning/safety. The core lifts in this course include squats, cleans, and bench presses. Weight room safety, warm-up/cool-down procedures, lifting technique, and safety for all lifts, major muscle identification, and individual goal setting are all important components of this course. Students will also learn different types of yoga, Pilates, Zumba, and other music-led fitness classes. In addition, students will monitor and improve their fitness levels by participating in the Fitnessgram assessments throughout the semester.

Life Fitness & Weight Training 7

Course # 527

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

The focus of this class is to improve or maintain a healthy fitness level. Students will work on muscular and cardiovascular strength and endurance. They will have opportunities to choose physical activities that they enjoy that allow them to live a healthy life. Students who choose this class will be expected to be dressed appropriately and participate in physical activities every day.

Life Fitness & Weight Training 8

Course # 528

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

The focus of this class is to improve or maintain a healthy fitness level. Students will work on muscular and cardiovascular strength and endurance. They will have opportunities to choose physical activities that they enjoy that allow them to live a healthy life. Students who choose this class will be expected to be dressed appropriately and participate in physical activities every day.

Agriculture

Exploring Agriculture

Course # 1101

Grades 9

Elective

Prerequisite: None

Semester 2 Credits

Exploring Agriculture is designed to introduce students to the diverse world of agriculture. Through a combination of classroom instruction, hands-on activities, project-based learning, and opportunities to develop leadership skills, students will gain an understanding of a wide variety of agricultural principles and practices, including leadership skills, FFA, record keeping, animal science, food science, career and technical education, plant science, and soil science.

Note: By the end of the course, students will not only have a broad understanding of the agricultural industry but also gain valuable leadership skills. This course serves as a foundation for students interested in pursuing further studies or careers in agriculture, food, environmental sciences, natural resource sciences, and career and technical education.

Ag Foods, 10th Grade

Course # 1103

Grades 10

Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

Ag Foods, 10th Grade is a course designed specifically for our sophomores as an introduction to connecting the farm to the table. Students will explore the interconnected worlds of agriculture and culinary arts. This hands-on course integrates knowledge of food production and culinary skills, the importance of supporting local food systems, and fosters an understanding of the entire food supply chain.

Note: Throughout the course, students will actively participate in cooking labs and collaborative projects that emphasize the connection between agriculture and culinary arts. Assessments may include projects,

tests, and presentations.

<u>Life in the Barn</u>	Course # 1137	Grades 11-12	Elective
<i>Prerequisite: None</i>			
Quarter 1 Credit			

This course is an introduction to animal science with an emphasis on the dairy, beef, swine, sheep, and goat industries. Topics will include animal welfare, health, breeding, reproduction, care, digestion, and management.

<u>FFA Career Development</u>	Course # 1106	Grades 9-12	Elective
<i>Prerequisite: Students must be in FFA and enrolled in another Agriculture Department or Technology Education course for the current school year.</i>			
Quarter 1 Credit			

This course focuses on developing the knowledge, skills, and leadership abilities needed to excel in FFA Career Development Events (CDEs). Students will explore foundational agricultural concepts, hone their technical expertise, and prepare for FFA competitions through hands-on learning and teamwork. The course is adaptable to all CDE areas, allowing students to specialize in a CDE of their choice while building transferable skills for agricultural careers and leadership roles.

<u>Success</u>	Course # 1107	Grades 11-12	Elective
<i>Prerequisite: None</i>			
Quarter 1 Credit			

The Success course is designed to equip students with the practical skills and knowledge necessary for a successful transition to independent living. The course focuses on essential life skills, financial literacy, an introduction to child development, personal development, insurance information, and workplace skills, preparing students to navigate the challenges and responsibilities associated with adulthood. Through interactive lessons, real-world scenarios, and hands-on activities, students will develop the skills needed to thrive independently.

Note: By the end of the course, students will have gained a comprehensive set of skills necessary for independent living, enhancing their confidence and readiness for the challenges of adulthood.

<u>Survivor</u>	Course # 1108	Grades 11-12	Elective
<i>Prerequisite: None</i>			
Quarter 1 Credit			

The Survivor course is designed to empower students with essential life skills related to the care, maintenance, and repair of their homes and automobiles. This hands-on course provides practical knowledge, fostering a sense of responsibility and self-sufficiency in managing one's living environment. Through interactive lessons, practical workshops, and real-world scenarios, students will acquire the skills needed to maintain a safe and functional living space.

Note: By the end of the course, students will have acquired valuable skills in home and auto maintenance, including basic electrical knowledge. This integrated course provides a practical foundation for independent living and equips students with skills applicable to various aspects of adult life.

<u>Wildlife Management</u>	Course # 1119	Grades 11-12	Elective
<i>Prerequisite: None</i>			
Quarter 1 Credit			

This course focuses on Minnesota's wildlife and aims to immerse students in the diverse ecosystems and species found within the state. Through a combination of classroom learning, field studies, and practical

experiences, students will explore the principles of wildlife management, conservation, and habitat restoration specific to Minnesota's unique environment. This course provides a foundation for understanding the importance of preserving and managing wildlife populations for ecological balance and human well-being.

Note: This course, tailored to Minnesota's rich biodiversity, aims to inspire students to appreciate and actively contribute to the conservation of the state's wildlife. By engaging in hands-on experiences and exploring local ecosystems, students will develop a deep understanding of wildlife management principles and gain the skills necessary to address real-world conservation challenges in their communities.

Landscape Management **Course # 1113** **Grades 10-12** **Elective**
Prerequisite: None
Quarter 1 Credit

This course provides students with a comprehensive introduction to the principles and practices of landscape design, horticulture, and outdoor space planning. Through a combination of theoretical knowledge and practical application, students will develop an understanding of the elements that contribute to creating aesthetically pleasing and functional outdoor environments. The course emphasizes creativity, problem-solving, and sustainable practices in landscape design. **Note:** This course aims to foster students' creativity, critical thinking, and technical skills in the realm of outdoor space planning. By exploring the principles of landscape architecture and gaining hands-on experience, students will develop the knowledge and confidence to pursue further studies or careers in the field of landscape design.

Floral Design **Course # 1120** **Grades 10-12** **Elective**
Prerequisite: None
Quarter 1 Credit

Fees: \$25

Floral Design is a dynamic and creative course that introduces students to the art and techniques of arranging flowers. This hands-on class provides students with the opportunity to explore the principles of floral design. Students will learn about the selection, care, and arrangement of flowers, as well as the cultural and historical significance of floral design.

Note: Floral Design provides students with a unique opportunity to express creativity through the art of flower arrangement. Whether pursuing a career in floral design or simply exploring a new form of artistic expression, this course equips students with valuable skills and insights into the world of floristry.

Advanced Floral Design **Course #1134** **Grades 10-12** **Elective**
Prerequisite: Floral Design
Quarter 1 Credit

Fees: \$25

Advanced Floral is a structured, hands-on course for students who have completed an introductory floral design class and are ready to expand their skills. This course emphasizes higher-level techniques, creative problem-solving, and the production of professional-quality arrangements. Students will participate in guided projects, collaborative activities, and instructor-led demonstrations to deepen their understanding of floral design, while applying advanced principles to a variety of arrangements and events.

Foods for Life **Course # 1121** **Grades 11-12** **Elective**
Prerequisite: None
Quarter 1 Credit

Fees: \$25

Foods for Life is a comprehensive course designed to provide students with essential knowledge and skills related to nutrition, meal preparation, and the art of cooking. Through hands-on experiences, students will explore the world of food and food consumerism, empowering them to make informed and health-conscious choices throughout their lives.

Note: Foods for Life not only equips students with culinary skills but also fosters an understanding of the

importance of nutrition in maintaining a healthy lifestyle. This course prepares students for personal and family life, emphasizing the joy and creativity of cooking as well as the significance of making informed food choices.

Creative Foods

Course # 1122

Grades 11-12

Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

The "Creative Foods" course is an exciting exploration of culinary arts that goes beyond traditional cooking. This hands-on course is designed to inspire creativity in the kitchen, encouraging students to experiment with flavors, textures, and presentation while building essential cooking skills. Students will engage in a variety of innovative cooking projects, food challenges and explore the artistic side of food preparation.

Summer Ag

Course #1115

Grades 11-12

Elective

Prerequisite: Must have a driver's license, with instructor approval of the prerequisites

Quarter 1 Credit

This course is designed for students who take an active interest in continuing their experience in the Agriculture Education program, because students can still learn in the summer! The summer is a great opportunity for you to volunteer, learn, and lead outside of the classroom while earning credit. Each student's summer program experience will look different, although there are minimum requirements that must be met. Students will work with the ag instructors to design their summer course for approval.

Work & Career Exploration

Course # 1133

Grades 11-12

Elective

Prerequisite: None

Quarter 1 Credit

This course is designed to provide high school students with real-world experiences, preparing them for the transition from the classroom to the workplace. This course integrates learned skills with practical application, offering students the opportunity to gain hands-on experience, develop professional skills, and explore potential career paths.

Note: This course encourages students to actively engage in career exploration. The curriculum will involve off-campus activities such as job shadowing and interactions with industry professionals. Students will be expected to approach the course with an open mind and a willingness to explore various career possibilities.

Work-Based Learning

Course # 1128

Grades 11-12

Elective

Prerequisite: Work & Career Exploration

A: 4th Block, 3rd AND 4th Quarter, 2 credits

B: 3rd AND 4th Block, 3rd and 4th Quarter, 4 credits

This course is designed to provide high school students with real-world experiences, preparing them for the transition from the classroom to the workplace. This course integrates learned skills with practical application, offering students the opportunity to gain hands-on experience, develop professional skills, and explore potential career paths.

Note: Participation in this course WILL involve off-campus activities, such as internships or site visits, and students will need to comply with workplace rules and regulations during these experiences.

Technology Education

Intro to Shop

Course # 1102

Grades 9-10

Elective

Prerequisite: None

Quarter 1 Credit

This course introduces students to the fundamental skills and techniques needed to work safely and effectively in a shop environment. Students will learn about tools, materials, and design principles while completing hands-on projects that develop practical and creative abilities.

Intro to Welding

Course # 1124

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

This course is designed to provide students with a fundamental understanding of welding techniques and processes. Through a combination of foundational knowledge and hands-on practical experience, students will develop the skills necessary to safely and effectively perform basic welding tasks. The course will cover various welding methods, safety procedures, equipment usage, and the principles of metallurgy.

Metal Fabrication

Course # 1126

Grades 10-12

Elective

Prerequisite: Intro to Welding

Quarter 1 Credit

This hands-on course is designed to introduce students to the art and science of metal fabrication. From conceptualization to creation, students will explore various techniques and processes involved in shaping and assembling metal to create functional and aesthetically pleasing structures. Emphasis will be placed on safety, precision, and the development of practical skills essential for careers in metalworking.

Small Engines

Course # 1114

Grades 10-12

Elective

Prerequisite: None

Quarter 1 Credit

This course in small engine technology is designed to provide students with a comprehensive understanding of small engine systems and maintenance. Through a combination of theoretical knowledge

and hands-on practical experiences, students will develop the skills necessary to troubleshoot, repair, and maintain various small engines commonly found in power equipment.

Woodworking Fundamentals Course # 1129 Grades 10-12 Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

This is an introductory course designed to provide students with essential skills and knowledge in the art and craft of woodworking. This hands-on course emphasizes the foundational techniques necessary for successful and safe woodworking projects. Students will explore the principles of wood selection, measurement, joinery, and finishing.

Note: Woodworking Fundamentals serves as a foundational course for those interested in pursuing more advanced woodworking or related trades in the future. Successful completion of this course will provide students with a solid understanding of woodworking basics and the confidence to tackle more complex projects.

Woodworking and Design Course # 1130 Grades 10-12 Elective

Prerequisite: Woodworking Fundamentals, Girls in the Shop, or Geometry in Construction

Quarter 1 Credit

Fees \$25

Woodworking and Design is an engaging course that combines the principles of woodworking craftsmanship with the creative elements of design. This hands-on class encourages students to explore their artistic side while developing advanced woodworking skills. Throughout the course, students will merge traditional woodworking techniques with modern design concepts to create functional and aesthetically pleasing projects.

Girls in the Shop

Course # 1132

Grades 10-12

Elective

Prerequisite: None

Quarter 1 Credit

Fee \$25

This course is designed to empower and engage female students in the field of shop and hands-on technical skills. It aims to provide a supportive environment for girls interested in woodworking, metalworking, and other shop-related activities, regardless of prior experience. Students will develop practical skills, gain confidence in using various tools and equipment, and explore potential career paths in related industries.

Advanced Shop

Course #1135

Grades 11-12

Elective

Prerequisite: Small Engines, Intro to Welding and Woodworking Fundamentals

Quarter 1 Credit

Advanced Shop is a capstone course for upperclassmen who have completed Small Engines, Intro to Welding, and Woodworking Fundamentals. This advanced class allows students to work independently on specialized projects in the areas of engine repair, welding and fabrication, and advanced woodworking. Students will choose, plan, and complete individual projects based on their interests and skill areas. Each student will design project goals, develop materials lists, create work plans, and document progress from start to finish. Projects may include engine rebuilds, custom metal fabrication, woodworking creations, equipment restoration, or other instructor-approved builds.

CADD - Computer Aided Drafting & Design Course # 1140 Grades 10-12 Elective

Prerequisite: None

Quarter 1 Credit

This course provides students with a broad introduction to two-dimensional and three-dimensional

Computer-Aided Design (CADD) and modeling with a focus on construction and architecture-specific applications. Students will learn how to use industry-leading CADD software programs. Understanding these programs will allow students to model construction projects and to create and distribute basic, industry-standard architectural drawings. Students will learn how to 3D print their drawings to have physical prototypes.

Geometry in Construction Course # 1180 Grades 11-12 *Elective*

Prerequisite: C or better in Data Analysis & Probability

Year 2 Credits

In integrated geometry and construction, students will be in a team-taught class.

- * The course is recommended for pre-engineering, architecture, construction management, interior design, landscape architecture, construction trades, and surveying students.
- * Learn safety, problem-solving, machine and tool use, and drawing interpretation. Have minimal or no previous construction experience.
- * Be exposed to practical skills in building and carpentry trades by constructing the "cabin house" project.
- * Use various alternative materials, in addition to wood.
- * Understand and exploit the interdependence between algebra and geometry.
- * Learn a core set of geometry facts.
- * Use coordinate geometry in the study of area, perimeter, volume, transformations, congruence, Pythagorean theorem, similar figures, trigonometry, quadrilateral properties, circle properties, logic, and functions.

***** It does not count toward NCAA eligibility.*****

Business

Personal Finance

Course # 1607

Grades 10-12

✓ Required

Prerequisite: None

Quarter 1 Credit

This course is designed to help you, the consumer, to become an intelligent decision-maker in a global economy. Students will learn how to manage their money. Topics include taxes, insurance, banking services, earnings, and deductions, establishing and using credit, money management, savings and investment, and understanding cultural diversity in our global economy. This class will utilize guest speakers during the semester, speaking on various topics of discussion. Students will also complete a personal budgeting simulation.

Computer Applications

Course # 1104

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

This course is designed to provide students with practical skills and knowledge in utilizing computer software for various applications. The course focuses on developing proficiency in popular productivity tools, fostering digital literacy, and enhancing problem-solving abilities. Students will engage in hands-on projects to apply their skills in real-world scenarios, preparing them for academic, professional, and personal tasks that require computer proficiency.

Note: This Computer Applications course aims to empower students with the essential skills needed to navigate and excel in today's digital landscape. By gaining proficiency in a variety of software applications, students will be well-equipped to meet the technological demands of both their academic and professional endeavors.

Accounting 1

Course # 1105

Grades 10-12

Elective

Prerequisite: 10th with teacher approval

Quarter 1 Credit

This accounting course provides students with a fundamental understanding of accounting principles and practices. The course is designed to introduce students to the basics of financial accounting and lay the foundation for further studies in business, finance, and accounting. Emphasis is placed on developing essential skills in recording, summarizing, and interpreting financial information. **Note:** Throughout the

course, students will engage in hands-on activities and business simulations to reinforce their understanding of accounting concepts. Critical thinking, problem-solving, and communication skills will be emphasized, preparing students for both further academic pursuits and potential careers in accounting and related fields.

Accounting 2 **Course # 1144** **Grades 10-12** **Elective**

Prerequisite: Accounting 1, 10th with teacher approval

Quarter 1 Credit

This accounting course is specifically tailored to provide students with a comprehensive understanding of accounting principles as they relate to merchandising businesses. Students will explore the unique aspects of financial accounting for companies engaged in buying and selling goods. The course aims to equip students with the knowledge and skills necessary to record, analyze, and interpret financial transactions in the context of a merchandising business.

Note: Throughout the course, students will engage in practical exercises, case studies, and simulations that replicate the accounting challenges faced by merchandising businesses. Emphasis will be placed on critical thinking and decision-making skills in the context of financial transactions specific to this business model. The course provides a foundation for those considering careers in the business, accounting, and/or merchandising sectors.

Intro to Business **Course # 1605** **Grades 9-12** **Elective**

Prerequisite: None

Quarter 1 Credit

This course is designed to introduce students to the study of a business that centers around economics, business goals, management, and risk. Students will also gain valuable skills in business communication practices while developing a foundation for career and technical and business education courses.

Sales & Marketing **Course # 1606** **Grades 10-12** **Elective**

Prerequisite: None

Quarter 1 Credit

This course provides a basic foundation for further study in marketing. It emphasizes the relationship of professional sales skills and marketing management techniques to the success of for-profit and nonprofit organizations as part of their overall marketing plan. We focus on the challenges of the sales communication process, both face-to-face and online, along with the distribution of products and services, including pricing, promotion, and buyer motivation.

CEO-Creating Entrepreneurial Opportunities **Course # 1615** **Grades 11-12** **Elective**

Prerequisite: None/Acceptance Required

Year 4 Credits

This course requires an application and acceptance into the program before registration for the new school year. Interested students are invited to informational sessions led by the high school principal. The CEO meets all five days a week from 7:30 to 9 a.m. Rotating class locations are between Jackson, Mountain Lake, and Windom.

This is a yearlong course designed to utilize partnerships that provide an overview of business development and processes. Our local business community partners with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical: the 21st-century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course.

Art

Studio Art 1

Course # 1217

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

This is the most basic, foundational art course for JCC, Art 101. Students will enter the classroom environment, which is structured as an art studio, and they are required to bring their ideas, and the teacher's role is to help with self-expression. Themes will also be utilized to help students develop the ability to independently make artistic choices. Over the semester, students will be directly taught HOW to utilize techniques from a variety of media and required to try each media uniquely during the semester. A variety of 2D and 3D choice-based centers will be utilized to help students find their voice and individual preferred media for self-expression, such as drawing, painting, collage, printmaking, fiber arts, sculpture, ceramics, and airbrushing. Students will also be directly taught foundational art concepts such as the utilization of the Elements of Art and Principles of Design to create aesthetically pleasing art. Art history will be referenced when applicable to help each individual along their path of self-discovery, as it is relatable to them.

Studio Art 2

Course # 1218

Grades 10-12

Elective

Prerequisite: Studio Art 1 with C+ or Higher

Quarter 1 Credit

Fees: \$25

Students will expand on skills learned in Studio Art 1, focus on independence, and take ownership of their own art-making. The overall goal is for students to develop their own personal style and choose their favorite media. The teacher will serve as the creative leader to guide students along their own path through frequent check-ins, 1-on-1 assistance, and demonstrations. To facilitate independent mastery of the creative process, weekly themes will be presented.

To keep us all moving toward self-growth, weekly online, you will be required to create a goal, make a plan, and reflect using a Google Form. Students are expected to plan their projects, collaborate with others, and challenge themselves to create original art. Biweekly, we will have a peer critique to encourage the growth and development of your own independent style.

For a final project, students will pick a favorite art style, create a project, and present it to the class. Success will be measured based on engagement in your individual creative process.

Creative Drawing & Illustration Course # 1210 Grades 9-12 Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

In this course, the students are given a hardcover sketchbook to journal any of their drawings and ideas. We explore several different media and styles of illustration. We use pencil and ink and draw digitally on the computer. We draw on paper and on found objects as well. The students pull themselves into other styles of art they may not have tried before. It is exciting to see how surprised the students are by themselves and the fantastic results that come out of pushing the limits of their drawing skills. The students are given various assignments from still life of objects, to figure drawing, to creating a black and white ink comic book character.

Having experience illustrating children's books myself, I show them how to interpret words and stories into visual compositions. I also talk about the process of working with an author, a printing company, a distributor, and a marketing team.

The students put together a pretty diverse and strong portfolio by the end of the semester. Some examples of projects the students have done in this course are a comic book character with ink, a charcoal illustration, and a digital vector drawing.

Graphic Design Course # 1207 Grades 9-12 Elective

Prerequisite: None

Quarter 1 Credit

Students learn how to use Adobe Photoshop, which is one of the most powerful and widely used art tools in the world today. From your clothing patterns to the billboards you read on the highways to the graphics you see on your phone, computer, and television, Adobe Photoshop has had a hand in it. With exposure to this dynamic software, the students have a million possibilities at their fingertips. Every computer has a Wacom digital tablet that is synced with the Adobe Photoshop software, allowing the students to draw and create on the computer. This has broadened the possibilities even more. The computers have all been upgraded to allow the students to use the 3D graphics area as well, making for exciting new looks at their artwork. A 3D printer that can make some amazing sculptures and pretty much anything you can think of is also available to make designs come to life! Some examples of projects the students have done in Graphic Design are cartoon animation, magazine covers, movie posters, digital portraits, 3D-printed tools, and 3D-printed figures.

Advanced Graphic Design Course #1215 Grades 10-12 Elective

Prerequisite: Graphic Design

Quarter 1 Credit

Students will use skills learned in Graphic Design and apply them to do more advanced and career-based

projects using the latest version of Adobe Creative Suite. A fun and hands-on visual class, students will use technology with confidence beyond the classroom.

Screen Printing **Course # 1208** **Grades 11-12** **Elective**
Prerequisite: Graphic Design with a C or higher
Quarter 1 Credit

Fees \$25

Screen printing is an effective technique for creating bold designs that you want to repeat many times! Students who enroll in this course are expected to be responsible and independently motivated. Basic foundational art knowledge will be reviewed to create aesthetically pleasing designs using the Elements of Art and Principles of Design. Also, as a whole group, a variety of printmaking techniques will be explored, such as monoprinting, gelli printing, and lino block printing, to help students gain a better understanding of printmaking, design, stencil use, and transfer. Collaborative student groups will also be utilized and encouraged throughout the semester to increase successful experiences. Screen Printing is a super-specific process, and many technical steps are required to experience success; primarily, direct instruction will be taught in small groups. Designs will be created with Chromebooks utilizing Adobe Photoshop software: Photopea.com. In the Screen Printing room, students will be provided fabric to print designs on, and the art studio also has a sewing machine so designs can be utilized to customize personal items, such as backpacks and hats. One T-shirt will be provided to print on as a cumulative project. Also, at the end of the quarter, we will have a tie-dye party to further customize and personalize. Throughout the quarter, students are encouraged to bring in their articles of clothing or textiles to print on and customize.

Video Gaming and Animation **Course # 1209** **Grades 9-12** **Elective**
Prerequisite: None
Quarter 1 Credit

In this course, the students will be exposed to the other side of video games, the creation! Using Adobe Flash, along with Adobe Photoshop, the students will learn how to make their video games and understand the functions of how a video game works. They will explore level design, character development, character design, animation sequences, and much more! Who knows...maybe this might be the starting point of an exciting career! We also learn the history of interactive gaming and the progress of technology.

Some examples of projects the students have done in Video Game Developer:

- Flappy Bird
- Space Invaders
- Tower Defense
- Platform Super Mario Bros. Game

Short Films & Cinema Appreciation **Course # 1213** **Grades 9-12** **Elective**
Prerequisite: None
Quarter 1 Credit

In this class, the students get to make a variety of videos in different genres. Using Final Cut Pro and their iPads, the students learn how to make short films. They will learn how to edit videos, work with scripts,

and film scenes for different video projects. We will watch various movies that are a part of the culture of cinema and reenact various scenes from those films as well.

There will be an opportunity to go to businesses in the Jackson area to do short video ads for Husky Live Network and the scoreboards.

A special event at the Jackson Historical Theater will allow the students to premiere the movies they make on the big screen at the end of the semester!

Some examples of projects the students have done in this course are commercials, product ads, and movie trailers.

<u>Painting 1</u>	Course # 1219	Grades 9-12	<i>Elective</i>
	<i>Prerequisite: None</i>		
	Quarter 1 Credit		

Fees: \$25

Take this class if you love the magical power of blending wet paint! Teachers will focus on painting foundation techniques / HOW to paint. The freedom is up to you of WHAT you want to paint, so bring your ideas to create original artwork! We will strongly focus on developing independence while teaching you how to express yourself.

Weekly, artists will participate in skill builders to master the basics of color theory, which will also help generate ideas. We will focus on common vocabulary to utilize the basics in an independent way.

Foundational art knowledge of the Elements of Art and Principles of Design will be key to creating aesthetically pleasing artwork. Students will be introduced to famous artists and asked to pick their favorite and share with the class via an Inspiring Artist Presentation.

This class also has permission to hang artwork in the hallway, for the rest of the building to enjoy. So come on down to the Art Studio and let's learn about Painting! This is the first of three classes that you can experience throughout your high school career.

<u>Painting 2</u>	Course # 1220	Grades 10-12	<i>Elective</i>
	<i>Prerequisite: Painting 1 with a C+ or Higher</i>		
	Quarter 1 Credit		

Fees: \$25

Take this class if you feel you have more paintings inside you to create! We will build upon Painting 1 color theory skills and focus on different types of art. Only take this class if you are an independently motivated student artist who enjoys painting!

Weekly, there will be a suggested theme and skill builder activities to help you generate ideas; however, ultimately, you choose the subject matter and style! Biweekly, we will share our artwork with each other through various forms in a relaxing, safe environment.

This class will be challenged to level up and create meaningful artwork with a partner; the goal is to share the gift of art and make a positive visual impact outside of the art studio.

Our final project will include a self-portrait.

Seniors can create their senior legacy project during this class and paint a ceiling tile for the Art Studio to enjoy for years to come. Painting classes have permission to display their artwork in the hallway, allowing the rest of the building to enjoy it.

<u>Painting 3</u>	Course #1216	Grades 11-12	<i>Elective</i>
	<i>Prerequisite: Painting 1 & 2 with C+ or Higher</i>		
	Quarter 1 Credit		

Fees: \$25

Only take this class if you LOVE to paint and know how to challenge yourself! IF you survived Painting 1, thrived in Painting 2, and are now ready to immerse yourself in your own style, let's keep on painting!

This course is designed for independent artists who have their ticket to fly and are ready to experience painting freedom in the relaxing, safe art studio environment. The teacher is ready to show you the art supplies and step out of the way!

To keep us all moving towards self-growth, weekly online, you will be required to create a goal, make a plan, and reflect using a Google Form. To encourage developing your own style, we will share our artwork biweekly during a peer critique. Don't worry, they won't judge, and the teacher will bring snacks!

The power of art can be a gift to our community. This class will teach how to collaborate and create meaningful artwork together. The goal is to share your skills and creative spirit to create a group artwork that will positively impact and inspire others.

Seniors can also create their senior legacy project during this class, and paint a ceiling tile for the Art Studio to enjoy for years to come. Don't forget, painting classes have permission to bring some flair to the building and hang artwork in the hallway!

Ceramics 1

Course # 1205

Grades 9-12

Elective

Prerequisite: None

Quarter 1 Credit

Fees: \$25

Only take this class if you are ready to get your hands dirty while being creative! We will learn about the stages of clay, master handbuilding foundations, and an introduction to the pottery wheel. At the end of this class, you will have five projects to take home that you can use! We will create pinch pots, coil pots, slab vessels, ceramic sculptures, and a final piece, "in the style of" the artist, from your final project, which is an Inspiring Artist Presentation.

We will learn common vocabulary, and you will be required to match the speed of the class to stay on track for the kiln firing schedule. Responsibility in the creative process will be taught, and ownership will be transferred to the students. You are expected to become a self-motivated learner who can independently research ideas, ask questions, stretch and explore, and experiment with new techniques.

Come on down to the Art Studio and let's learn about ceramics! This is the first of three classes that you can experience throughout your high school career.

Ceramics 2

Course # 1206

Grades 10-12

Elective

Prerequisite: Ceramics 1

Quarter 1 Credit

Fees: \$25

Independent, self-motivated, creative individuals who love to get their hands dirty are encouraged to join this class! During Ceramics 1, you should have learned the rules for how to build with clay; now the choice of WHAT you will create is up to you! Students are expected to challenge themselves and follow firing schedules.

Potters' wheels will be available from the beginning of the course, and students are expected to attempt to master the wheel throughout the quarter! For the course, we will complete 6 projects: Independent Art x2, Underglaze Carving, Collaborative Creature Sculptures with Elementary Artists, and Advanced Techniques x2. The final project for this class is to choose an advanced technique that you would personally like to master, practice it, and create an instructional video demonstration for your peers!

Join us if you would like to continue to work with clay; it's going to be fun!

Ceramics 3

Course # 1212

Grades 11-12

Elective

Prerequisite: Ceramics 1 & Advanced Ceramics/Ceramics 2 with a C or higher

Quarter 1 Credit

Fees: \$25

This course is only for independent artists who love to get their hands messy. In this class, you will be provided with full ceramics studio access to the potter's wheel and all handbuilding tools. Weekly, the instructor will present inspiration from ceramic artists and offer suggested themes. On Mondays, you will be required to set goals and plan action steps to guide your process, using a digital form. Be ready to work closely and frequently check in with the instructor. Fridays, weekly reflections will be required using a digital form, and also participation in our whole group critique. This course will also involve teaching

ceramics to elementary school student artists.

Intro to Sculpture **Course # 1222** **Grades 11-12** **Elective**
Prerequisite: Studio Art 1 & Ceramics 1
Quarter 1 Credit

Fees: \$25

Students will learn how to create 3-dimensional sculptures in this hands-on course. Students will be taught subtractive and additive methods while exploring a variety of 3D media such as cardboard, papier-mache, plaster, non-functional ceramics, wire, wood, and other materials. Students will learn how to manipulate these materials and use tools safely. Students will create a variety of sizes, all the way from shallow relief sculptures to large collaborative sculptures that require armatures for support.

If you enjoyed the shop classes but always wanted to add some artistic flair to your woodworking or welding projects, this class is for you!

Foundational art knowledge of the Elements of Art and Principles of Design will be key to help create aesthetically pleasing art. Students will analyze and examine geometric and organic sculptures through reading, discussion, and critique to serve as inspiration for their own sculpture making.

Functional 3D Art **Course # 1240** **Grades 11-12** **Elective**
Prerequisite: Studio Art 1 & Ceramics 1, & Graphic Design
Quarter 1 Credit

Fees: \$25

Students will create their own brand and a mock small business to sell a variety of functional 3D artwork that people can use in their everyday lives. Students enrolled in this course are expected to be independently motivated to brainstorm project ideas and create their own unique functional 3D Art! Media available may be, but are not limited to, pottery, polymer clay, and metal jewelry.

Students will be expected to film content, including short process videos, and take quality photos of their artwork to maintain a digital artist portfolio. Camera stands with lighting are provided; bring your tech skills! Students will learn how to market their brand on a social media platform and are also expected to collaborate with others to help advertise and promote each other's brands!

Husky News Channel **Course #1230** **Grades 10-12** **Elective**
Prerequisite: Suggested Graphic Design and Public Speaking
Semester 2 Credits

Students will be part of the production team creating new content for the JCC TV Network, making sports highlights, weekly school news updates, and fun content all Huskies-related. In cooperation with the Intro to Journalism class, this course will involve acting, public speaking, streaming and editing video content, photography, script writing, set design, and directing.

Senior Art 1 **Course # 1214** **Grades 12** **Elective**
Prerequisite: Grade of B or higher in four other Fine Arts electives
Quarter 1 Credit

This course is for seniors only. Enrolling in this course will provide individualized one-on-one instruction tailored to the artists' preferred media and full access to all the materials in the art studio. On Mondays, you will be required to set goals and plan action steps to guide your process, using a digital form. Be ready

to work closely and frequently check in with the instructor. Fridays, weekly reflections will be required using a digital form, and also participation in our whole group critique. There are two main goals during this course. The first goal is to create artwork for your individual portfolio, which you can use to obtain entrance to formal art training via college or to obtain employment in a creative field after graduation. Guidance will be provided on how to transition into future art careers. Student artists will be highly encouraged to display their artwork in our Annual JCC Student Exhibition in the Art Gallery in downtown Jackson. Secondly, during this course, students can complete their senior legacy project and paint a ceiling tile in the art studio to leave behind a message for younger student artists for years to come.

Senior Art 2 **Course #1225** **Grades 12** **Elective**
Prerequisite: Grade of B or higher in 4 Fine Art Courses, including Senior Art 1
Quarter 1 Credit

This class was designed for our Senior Art kids, who find a home in the Art Studio! Plan to meet your independent art-making friends there! View the prerequisites before you continue to think about whether this class is for you or not. This will probably be one of your last art classes in high school, and instruction will be student-guided!

To keep us all moving towards self-growth, weekly online, you will be required to create a goal, make a plan, and reflect using a Google Form. Students are expected to plan their projects, collaborate with others, and challenge themselves to create original art. Biweekly, we will have a peer critique to encourage the growth and development of your own independent style.

Hoping to bring our creative spirit to the elementary school, or out within the school community, to positively inspire and impact others.

Landscape Management **Course # 1118** **Grades 11-12** **Elective**
Prerequisite: None
Quarter 1 Credit

This course provides students with a comprehensive introduction to the principles and practices of landscape design, horticulture, and outdoor space planning. Through a combination of theoretical knowledge and practical application, students will develop an understanding of the elements that contribute to creating aesthetically pleasing and functional outdoor environments. The course emphasizes creativity, problem-solving, and sustainable practices in landscape design.

Note: This course aims to foster students' creativity, critical thinking, and technical skills in the realm of outdoor space planning. By exploring the principles of landscape architecture and gaining hands-on experience, students will develop the knowledge and confidence to pursue further studies or careers in the field of landscape design.

Floral Design **Course # 1120** **Grades 10-12** **Elective**
Prerequisite: None
Quarter 1 Credit

Fees: \$25

Floral Design is a dynamic and creative course that introduces students to the art and techniques of arranging flowers. This hands-on class provides students with the opportunity to explore the principles of floral design. Students will learn about the selection, care, and arrangement of flowers, as well as the cultural and historical significance of floral design.

Note: Floral Design provides students with a unique opportunity to express creativity through the art of flower arrangement. Whether pursuing a career in floral design or simply exploring a new form of artistic expression, this course equips students with valuable skills and insights into the world of floristry.

Advanced Floral Design **Course #1134** **Grades 10-12** **Elective**
Prerequisite: Floral Design
Quarter 1 Credit

Fees: \$25

Advanced Floral Design is a structured, hands-on course for students who have completed an introductory floral design class and are ready to expand their skills. This course emphasizes higher-level techniques, creative problem-solving, and the production of professional-quality arrangements. Students will participate in guided projects, collaborative activities, and instructor-led demonstrations to deepen their understanding of floral design, while applying advanced principles to a variety of arrangements and events.

Music

Concert Choir

Course # 1701

Grades 9-12

Elective

Prerequisite: None

Year 2 Credits

Concert Choir is a non-auditioned singing group in which all students can join. The Concert Choir meets daily all year round. Choir students will participate in a choral setting, singing songs in multi-part harmony according to ability and voice range. The music performed will be music from all periods and cultures and in a variety of languages, including accompanied and a cappella songs. Music selections will enrich the singers' vocal techniques and musical concepts, making this performing group a well-rounded experience.

Concert Band

Course # 1702

Grades 10-12

Elective

Prerequisite: Previous experience/instructor approval

Year 2 Credits

Students will continue their learning of musical terms, rhythms, keys, forms, and cultures while increasing their proficiency in their instruments. Music will be selected to challenge students and to further enhance their level of ability and knowledge of styles, composers, history, and cultures. Class time will be spent preparing for the many facets of Concert Band — concerts, pep band, public performances, and large group contests. There will also be opportunities for students to participate in extracurricular and enrichment activities, including Jazz Band, Solo & Ensemble Contest, and participating in the band and choir tour.

Band 9

Course # 1709

Grades 9

Elective

Prerequisite: Previous experience/instructor approval

Year 2 Credits

Students will continue their learning of musical terms, rhythms, keys, forms, and cultures while increasing their proficiency in their instruments. Music will be selected to challenge students and to further enhance their level of ability and knowledge of styles, composers, history, and cultures. Class time will be spent preparing for the many facets of Concert Band — concerts, pep band, and public performances. There will also be opportunities for students to participate in extracurricular and enrichment activities, including Jazz Band, Solo & Ensemble Contest, and participating in the band and choir tour.

World Language

Spanish 1

Course # 1501

Grades 9-12

Elective

Prerequisite: None

Semester 2 Credits

Welcome to Spanish 1, an introduction to the Spanish language and culture! This course is designed for high school students with little or no prior Spanish experience. Using the comprehensible input method, students will acquire Spanish naturally by listening to, reading, and interacting with language in meaningful, context-rich situations.

Through storytelling, music, videos, conversations, and games, students will build a solid foundation in essential vocabulary, phrases, and grammatical structures. Class activities are designed to be highly visual, engaging, and easy to understand, ensuring that every student can participate and succeed. *By the end of the course, students will be able to:*

- Comprehend spoken and written Spanish at a novice level.
- Communicate in simple, real-life scenarios, such as introducing themselves, talking about daily activities, and expressing preferences.
- Develop an appreciation for the diversity of Spanish-speaking cultures around the world.

This course focuses on making language learning enjoyable and accessible for everyone, fostering confidence, curiosity, and a lifelong love for Spanish. No prior experience is necessary — just bring your enthusiasm and willingness to explore a new language!

Spanish 2

Course # 1502

Grades 9-12

Elective

Prerequisite: Successful completion of Spanish 1

Semester 2 Credits

Spanish 2 continues the journey of language acquisition with a focus on deepening comprehension and enhancing communication skills. Designed for high school students who completed Spanish 1 with a minimum grade of C, this course uses the comprehensible input method to create an immersive environment where students acquire Spanish naturally through meaningful, real-world contexts. Students will expand their vocabulary, develop a stronger grasp of grammatical structures, and improve their listening, speaking, reading, and writing skills through storytelling, authentic media, interactive activities, and cultural exploration. Emphasis is placed on understanding and producing language in ways that feel natural and accessible.

By the end of the course, students will be able to:

- Understand and respond to spoken and written Spanish on a variety of familiar topics.
- Engage in simple conversations, describe past and future events, and express opinions.
- Gain deeper cultural insights into the diverse traditions, history, and daily life of Spanish-speaking communities.

Spanish 2 is designed to build confidence and fluency while maintaining a fun and low-stress learning environment. Whether discussing everyday routines or exploring stories from Spanish-speaking cultures, students will find themselves immersed in a vibrant world of language and culture.

Spanish 3 & 4

Course # 1504

Grades 10-12

Elective

Prerequisite: Successful completion of Spanish 1 and 2 or Instructor approval

Semester 2 Credits

Spanish 3 & 4 is an advanced course designed for students who have a strong foundation in Spanish, including both heritage speakers and those advancing from prior Spanish classes. Using the comprehensible input method, this course fosters fluency and cultural connection through meaningful, authentic language experiences.

Through storytelling, literature, film, music, and discussions, students will:

- Engage in advanced conversations on a variety of topics, including personal, academic, and global themes.
- Read and analyze authentic texts, from articles and short stories to poetry and excerpts from novels.
- Write detailed narratives, essays, and reflections using diverse grammar and vocabulary.
- Explore and celebrate the rich diversity of Spanish-speaking cultures worldwide.

This course emphasizes community, collaboration, and personalized growth. Whether enhancing existing skills or reconnecting with cultural roots, students will gain confidence in their abilities to use Spanish in academic, professional, and social settings.

Spanish 3 and Spanish 4 are each a one-semester class. They may be taken in any order. Topics in each semester class will be different and partially student-directed.

Students who complete both semesters of Spanish 3 and 4 may test to earn the Minnesota Bilingual Seal of Proficiency. Those students who achieve the seal of proficiency earn college credit at Minnesota state universities.

Other Electives

Independent Passion Project

Course # 1901

Grades 11-12 *Elective*

Prerequisite: Complete a Passion Project/Independent Inquiry course application form, available in the Counseling Center. Obtain a written reference from a past or current teacher verifying your ability to be an independent and self-motivated learner. Have a passion project/research idea before being accepted into the course. Minimum GPA 3.25 or special approval.

Quarter 1 Credit

This self-directed course empowers students to independently explore a topic of personal or academic interest in depth. This course emphasizes independence, self-motivation, time management, research, critical thinking, and analytical skills, allowing students to create a meaningful project that showcases their creativity, skills, and growth. Student-led projects will culminate in a polished final product that will be shared with an audience. The course is entirely independent, with students responsible for all planning, research, and execution of their projects. Any financial requirements are the responsibility of the student. The supervising instructor will help with reflection questions, editing if requested, access to resources, and time management. This course may be repeated for credit one time with re-application required.

The link is:

https://docs.google.com/forms/d/e/1FAIpQLScUWi2FivQNj-jrdTp_9xEe0n2qyH7NYfZCqzrGt1TFqnSpw/viewform?usp=sharing&ouid=104268731066181371736

ACT Prep

Course # 1815

Grades 10-12

Elective

Prerequisite: None Career Pathway

Quarter 1 Credit

The ACT Prep course is a focused program to prepare students for success in the ACT exam. Covering all four sections — English, Math, Reading, and Science — the course provides targeted lessons and practice sessions to enhance understanding, develop test-taking strategies, and improve time management. Students receive in-depth instruction on key ACT content, focusing on mastering essential skills and solving complex problems. Practice exams help familiarize students with the test format and identify areas for improvement. Emphasis is on critical thinking, analysis, and effective communication. By the end of the semester, students gain insights into the ACT, hone academic skills, and develop a personalized approach for optimal performance. This course supports students in achieving their best on the ACT — a crucial step in the college admissions process.