

WRENSHALL High School



Course Catalog 2023-2024

**Student Guide
to
Graduation Requirements,
Course Descriptions,
&
Course Registration**

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Minnesota Graduation Requirements

Minnesota students are required to complete two kinds of requirements by the time they graduate. Students must:

- Satisfactorily complete all state academic standards or local academic standards where state standards do not apply.
- Satisfactorily complete the state course credit requirements under Minnesota Statutes, section 120B.024.

*Wrenshall High School calculates credit by: 1 credit / per class / per semester

*Many MN high schools calculate credit by: .5 credit / per class / per semester

Course Credits

Students complete the academic standards by taking a core course of study that equips them with the knowledge and skills they need for success in postsecondary education, highly skilled work, and civic life. In order to graduate, your child's high school coursework must include at least the minimum state course credit requirements. A course credit is equivalent to a student successfully completing an academic year of study or mastering the subject matter, as determined by the local school district. Students must complete a minimum of 21.5 course credits as follows:

- **4 credits of language arts**
- **3 credits of mathematics**, including algebra, geometry, statistics and probability sufficient to satisfy the standards. Students in the graduating class of 2015 and beyond must complete an algebra II credit or its equivalent as part of the 3-credit requirement. In addition to the high school credits, students in the graduating class of 2015 and beyond must also complete an algebra I credit by the end of eighth grade.
- **3 credits of science**, including at least one credit of biology, one credit of chemistry or physics, and one elective credit of science. The combination of credits under this clause must be sufficient to satisfy (i) all of the academic standards in either chemistry or physics and (ii) all other academic standards in science.
- **3½ credits of social studies**, including U.S. history, geography, government and citizenship, world history and economics.
- **1 credit in the arts**
- **Physical Education, credit is determined at the local level.** Must meet state standards requirements.
- **Health Education, credit is determined at the local level.** Must meet locally developed standard requirements.
- **7 elective credits**

Credit Equivalencies

- A one-half credit of economics taught in a school's agriculture education or business department may fulfill a one-half credit in social studies under subdivision 1, clause (5), if the credit is sufficient to satisfy all of the academic standards in economics.
- An agriculture science or career and technical education credit may fulfill the elective science credit required under subdivision 1, clause (4), if the credit meets the state physical science, life science, earth and space science, chemistry, or physics academic standards or a combination of these academic standards as approved by the district. An agriculture or career and technical education credit may fulfill the credit in chemistry or physics required under subdivision 1, clause (4), if the credit meets the state chemistry or physics academic standards as approved by the district. A student must satisfy either all of the chemistry academic standards or all of the physics academic standards prior to graduation. An agriculture science or career and technical education credit may not fulfill the required biology credit under subdivision 1, clause (4).
- A career and technical education credit may fulfill a mathematics or arts credit requirement under subdivision 1, clause (2) or (6).
- An agriculture education teacher is not required to meet the requirements of Minnesota Rules, part 3505.1150, subpart 1, item B, to meet the credit equivalency requirements of paragraph (b) above.
- A computer science credit may fulfill a mathematics credit requirement under subdivision 1, clause (2), if the credit meets state academic standards in mathematics.
- A Project Lead the Way credit may fulfill a science or mathematics credit requirement under subdivision 1, clause (2) or (4), if the credit meets the state academic standards in science or mathematics.

Wrenshall High School Graduation Requirements

Credits

All students are required to take a minimum of six (6) credits per semester. Credits earned in grades 9-12 are counted toward graduation. There are thirty-four (34) required credits and sixteen (16) elective credits for a total of fifty (50) semester credits required for graduation. The required credits are:

- 8 semesters of English
- 8 semesters of Social Studies
- 6 semesters of Math
- 6 semesters of Science
- 2 semesters of Physical Education
- 2 semesters of Health
- 1 semester of Computer Applications
- 1 semester of Fine or Visual Arts

(Wrenshall credit: 1 credit is awarded per class per semester)

HIGH SCHOOL DROP/ADD POLICY

Students are allowed to drop or add a course within the first week of the semester (**first 5 days**). After the time span for schedule changes is closed, the student will remain in the course and earn the final grade. If a student drops a class after the end of the first week of the semester, a failing grade in the dropped class will appear as an "F" on the student's transcript.

In addition, schedule changes will **NOT** be granted for the following reasons: Changing teachers, changing class hours, requesting classes with friends, dropping required courses, switching because of outside activities or because of convenience. If a student experiences a life changing event, course changes after the start of the term may be allowed with approval from the school counselor. All Incomplete grades must be made up within two weeks of the end of a marking period. Grades that are not made up will automatically become failing marks at that time unless prior arrangements are made with the instructor and principal.

HONOR ROLL

A listing of both A and B honor rolls is compiled at the end of each quarter.

A honor roll requirements: GPA of 3.667 or above with no grades lower than B-.

B honor roll requirements: GPA of 3.0 or higher with no grades lower than C-.

*An Incomplete (**I**), **NP**, or **F** in any course disqualifies the student from membership in either of the honor rolls.

HONOR STUDENT STATUS

In order to qualify for Honor Graduate status, a senior must have a **cumulative GPA of 3.5, complete 2 years of a foreign language, and provide 40 hours of documented community service.**

ACADEMIC PLANNING WORKSHEET

7th Grade

Semester 1	Semester 2
English 7	English 7
American History 7	American History 7
Pre-Algebra 7	Pre-Algebra 7
Life Science 7	Life Science 7
Physical Education 7	Physical Education 7
Art 7 / Exploratory Language 7	Industrial Technology 7 / Food Science 7
Band <i>or</i> Elective 7	Band <i>or</i> Elective 7

8th Grade

Semester 1	Semester 2
English 8	English 8
Geography 8	Geography 8
Algebra I	Algebra I
Physical Science 8	Physical Science 8
Physical Education 8	Physical Education 8
Industrial Technology 8 / Food Science 8	Art 8 / Exploratory Language 8
Band <i>or</i> Elective 8	Band <i>or</i> Elective 8

9th Grade

Semester 1	Semester 2
English 9	English 9
Civics 9	Civics 9
Geometry <i>or</i> Algebra I	Geometry <i>or</i> Algebra I
Physical Science 9	Physical Science 9
Physical Education 9/Health 9	Physical Education 9/Health 9
Comp. Apps/Careers 9 <i>or</i> Drivers' Ed	Drivers' Ed <i>or</i> Comp. Apps/Careers 9
ELECTIVE	ELECTIVE

10th Grade

Semester 1	Semester 2
English 10	English 10
American History 10	American History 10
Geometry <i>or</i> Algebra II	Geometry <i>or</i> Algebra II
Biology	Biology
Physical Education 10/Health 10	Physical Education 10/Health 10
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE

11th Grade

Semester 1	Semester 2
English 11	English 11
World History	World History
Algebra II <i>or</i> FST	Algebra II <i>or</i> FST
Chemistry	Chemistry
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE

12th Grade

Semester 1	Semester 2
English 12	English 12
American Government (CITS available)	Intro to Economics
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE

College Course Opportunities at WHS
(Information listed is subject to change)

College in the Schools (CITS) Courses

Juniors, & Seniors can take courses right here at Wrenshall High School to earn college credit. Through affiliation with Lake Superior College, students can have *Concurrent Enrollment* in various courses taught by credentialed Wrenshall High School teachers on campus. These courses allow students to receive both high school and college credit. To earn college credit, students must meet the requirements of Lake Superior College and Wrenshall High School.

Program Eligibility:

- Seniors must rank in the top half of their high school class OR have a cumulative GPA of 2.5.
- Juniors must rank in the top third of their high school class OR have a cumulative GPA of 3.0.
- Sophomores who have taken the 8th grade MCA reading test and have met the composite proficiency level of meets or exceeds may enroll in **one** Career and Technical Education (CTE) course for the first semester. If no 8th grade MCA is on file, we can place based on a college level score on the Accuplacer Reading.

All Course Placement Options:

- *Cumulative HS GPA : 2.8 or higher will meet the assessment requirement for the 2023-2024 school year. Further placement in Math and/or Science courses will be discussed individually **OR**
 - Documentation of successful completion of a college-level course in the area for which the course placement score is used **OR**
 - Eligible ACT, SAT, and/or MCA scores **OR**
 - Eligible ACCUPLACER scores. Scores already on file may be used.
- *Accuplacer testing available at Lake Superior College

CITS COURSES 2023-2024

COURSE	TERM OFFERED	COLLEGE CREDITS	ACCUPLACER TEST	ACT Score	GPA (Minimum)
ENGL 1106 College Composition I	FALL	3	READING 78 or higher	Reading 21	2.8
ENGL1112 Intro to Literature	FALL	3	READING 78 or higher	Reading 21	2.8
PSCI 1110 American Government	FALL	3	READING 78 or higher	Reading 21	2.8

Honors Online

Honors Online allows high school Sophomores (CTE only), Juniors and Seniors to earn both high school and college credit for online classes offered by the college and taught by college teachers but taken via the Internet on the Wrenshall campus. This allows students to be enrolled in college classes yet stay on campus. **You must be a self-motivated learner in order to be successful in these courses.** There is no cost to the student for these courses, although you must meet the requirements stated below.

Qualifications/Guidelines for taking Honors Online Courses:

1. Current Sophomore, Junior or Senior
2. Complete the *Notice of Student Registration*.
3. **Sophomores** must have taken the 8th grade MCA reading test and have met the composite proficiency level of meets or exceeds with a 2.8 high school GPA (one CTE course only for first semester of programming),
Juniors must have a cumulative GPA of a 3.0 or better,
Seniors a GPA of 2.5 or better.
4. Students must also meet the prerequisites of individual courses, which may include Accuplacer scores, ACT scores, MCA scores, or prior college coursework.

5. Honors Online courses begin in late August for the Fall semester and early January for the Spring semester. If a student wants to drop the course without penalty this must be done within the first week of the start of the course through LSC.
6. Students who drop a course after the ADD/DROP deadline will receive a **W** on their LSC college transcript and will be required to pay the Wrenshall School District any accrued charges.
7. If a student receives a grade of “F”, they will be required to pay the Wrenshall School District the entire tuition amount of the course taken.

Accuplacer

Reading: 78 or higher

Math: Elementary Algebra – 76 or higher **AND** College Math – 50 or higher (for certain courses)

Appropriate ACT scores may take the place of the Accuplacer

ACT

Reading: 21

Math: 22

Should you take an online course?

Yes/No	I have good time management skills and can stick to a schedule without prodding and reminders from a teacher.
Yes/No	I am resourceful at figuring out what to do next when I hit a roadblock in following instructions.
Yes/No	I am NOT a procrastinator.
Yes/No	I would rate my reading ability at “above average” or higher.
Yes/No	I express myself fairly well in writing.
Yes/No	I would rate my technology skill level at “above average” or higher.
Yes/No	I have access to a computer and the internet at home.
Yes/No	I am good at problem-solving technical difficulties on the computer.
6-8 Yes Answers = good candidate 4-5 Yes answers = may struggle 0-3 Yes answers = avoid/not good choice	

For any questions/comments/concerns, please see Mr. Holter.

On-Campus PSEO

Please see your counselor for further detailing.

ATTENDANCE POLICY: [Minnesota State Statute \(120\)](#)

A student is required to attend school each and every day and every class period.

*Unless you are taking a PSEO course that requires your attendance to be off-campus in some capacity, you are required to be on the Wrenshall campus for all courses listed within your school schedule, including PSEO programming.



ART Visuals

ART 7

REQUIRED GRADE: 7

DESCRIPTION: The visual arts experience in the ART 7 course is designed as a bridge from the elementary art experience to the middle school, and is the first step to the high school art courses. Student's preexisting skills are used as a base and focus on proficiency and technique is a matter of priority.

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ART 8

REQUIRED GRADE: 8

DESCRIPTION: The ART 8 experience is one that prepares the student for high school level visual arts content and concepts while at the same time expands the ART 7 experience by increasing the size, scope and complexity of the lessons.

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CERAMICS

ELECTIVE GRADES: 9-12

LENGTH: 1 SEMESTER

DESCRIPTION: This course will involve students creating a wide variety of ceramic/pottery forms and sculptures. Students use both hand building methods and the potter's wheel to create their work. Students will understand and be responsible for the running of the ceramic studio through wedging and recycling clay all the way through the firing process by loading and unloading the kiln. Various working artists will be the focus of study and inspiration.

Studio Fee - \$25.00 to help cover the cost of materials.

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PRINTMAKING

ELECTIVE GRADES: 9-12

LENGTH: 1 SEMESTER

DESCRIPTION: This course emphasizes applying the fundamental processes of artistic expression to both printmaking and visual communications design. This course helps students investigate printmaking media, techniques, and processes, in addition to providing instruction about the purposeful arrangement of images, symbols, and text to communicate a message. This course also includes a study of historical and contemporary printmaking and visual communications design and provide instruction in the critique process. Also included are Gelli Plate Prints and Collage, Silkscreen Printing, and Linocut Prints.

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BUSINESS / COMPUTERS / MEDIA PRODUCTION

COMPUTER GAMING AND DESIGN

ELECTIVE

GRADES: 9-12

Course Description: Students will understand the functions of game making. Students will learn visual coding and for those wanting to progress will take on syntax coding such as C#. Students will evaluate the history of gaming and understand the various genres. Students will create various games and branch off to design and develop their own games. Students will also explore programs such as GIMP to create pixel animation to integrate in their creations.

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GRAPHIC DESIGN / MARKETING

ELECTIVE

GRADES: 9-12

DESCRIPTION: Graphic Design is a course that explores graphic communication through the understanding of the elements and principles of design; as well as, the design process, from idea development through the final execution of a document. Professionals use the concepts explored in this course in the following disciplines: advertising, graphic design, web design, illustration, broadcast design, photography and game design and many others. Students will use different mediums to develop graphics.

This course is also designed to provide students with the insight, skills and knowledge to prepare for a career in marketing/business. Students will create, execute and evaluate promotional strategies and content for advertising, sales promotion, and publicity/public relations. They will apply project management techniques to guide and control promotional campaign development and execution. Students will incorporate motivation theories, branding techniques and design principles in communication with targeted audiences. They will plan and implement procedures to use marketing communication that mitigate image or brand-damaging issues. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

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INTRODUCTION TO BUSINESS / BPA

ELECTIVE

GRADES: 9-12

DESCRIPTION: This course provides opportunities to learn and experience a variety of topics in the field of business. Students are exposed to various economies, their roles in our economy, entrepreneurship, marketing, managing financial and technological resources, and the use of social media. Students will also use critical thinking skills to understand how the world around them determines decisions made by businesses. Course activities involve students in writing, investigating, problem-solving, demonstrating, and reporting. Students will also utilize an online learning environment to enhance their skills.

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MEDIA PRODUCTION

ELECTIVE

GRADES: 10-12

This course will explore video communications, incorporating both the technical and artistic aspects of video media. Topics include use of video equipment and techniques, and students will create a video presentation. Advanced topics may include creating various forms of film media including silent film; sport and music video; and self-portrait video.

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PERSONAL FINANCE / CAREERS

REQUIRED

GRADES: 9

DESCRIPTION: Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

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PHOTOJOURNALISM/YEARBOOK PRODUCTION

ELECTIVE

GRADES: 10-12

LENGTH: SEMESTER OR ALL YEAR

DESCRIPTION: In this class, students will be designing and creating the school yearbook. Students learn how to write an effective article, how to conduct a professional interview, and how to design and layout a yearbook. A major focus of this class involves photography. Pictures will need to be taken at school events such as concerts and games. Students will also create a photographic portfolio and explore the world of photography through hands-on learning and in depth analysis of photography styles and techniques. A second major focus of this class is on digital media and graphic design. Students will learn to manipulate and edit photographs from simple adjustments to total transformations. Video editing will also be incorporated in making advertisements for the yearbook. Graphic design elements are incorporated in designing various aspects of the yearbook.

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ENGLISH

ENGLISH 7

REQUIRED GRADE: 7

DESCRIPTION: English 7 includes projects covering vocabulary, drama, research, novels, five-paragraph essay, grammar, critical viewing, and speech. Highlights of learning areas:

- Vocabulary/Spelling
- Writing -- grammar, journals, creative/academic writing, and research presentations
- Public Speaking -- through drama, research presentations, speeches
- Literature -- Diary of Anne Frank, The Outsiders, Freak the Mighty, short stories
- Writing Components -- Through the writing prompts/five paragraph essay structure

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ENGLISH 8

REQUIRED GRADE: 8

DESCRIPTION: Students will learn vocabulary through context, use the eight parts of speech in a variety of activities, and engage in creative and academic writing. In English 8, students will be asked to use critical thinking and self-directed learning. Units include word root vocabulary, grammar, five paragraph essay writing, creative writing, technical writing, drama, author study, autobiography, play writing, and speech. Highlights of learning areas:

- Vocabulary/Spelling
- Writing -- grammar, creative/academic writing, research presentations, and poetry
- Public Speaking -- through drama, debate, research presentations
- Literature -- Anthem, A Day No Pigs would Die, Where the Red Fern Grows, The Pigman, Holes, Call of the Wild
- Basic Reading Test -- Through critical thinking/reading exercises
- Writing Components -- Through the writing prompts/five paragraph essay structure

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ENGLISH 9

REQUIRED GRADE: 9

DESCRIPTION: This class covers a wide variety of texts, topics, and concepts that will prepare students for upper level English coursework in high school. Our primary areas of focus will be analyzing form, theme, fundamental literary concepts and vocabulary, and making more nuanced connections between Literature and human experience. Students will continue to learn and practice the basics of paragraph and essay-writing, and will begin to take on more complex topics and ideas in their writing. Additionally, students will try their hands at creative writing with short fiction and poetry. Vocabulary, grammar, and writing instruction will be used to bolster communication, writing, and critical thinking skills. Units will include short stories, nonfiction, poetry, mythology, drama, public speaking, and a mix of classic and young adult novels. Major texts covered during the year include selections of short fiction, focusing on the works of Edgar Allen Poe and Stephen King; mythology, centering around Ancient Greece and Homer's *The Odyssey*; we will read novels *The Book Thief* by Markus Zusak, and *Speak* by Laurie Halse Anderson. We will study classic drama as well, with *Romeo and Juliet* by William Shakespeare being our most important and involved text in that unit.

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ENGLISH 10

REQUIRED

GRADE: 10

DESCRIPTION: English 10 Vocabulary and Writing –work on five-paragraph form; creative/expressive writing, as well as writing about literature. Literature study includes To Kill a Mockingbird, Lord of the Flies, Julius Caesar; Drama, A Raisin in the Sun . As a required grade-level course, English 10 is a broadening of skills acquired in 9th grade English. Progressively more complex works of literature are explored and analyzed in regards to plot, character, theme and various other literary concepts. Students are required to select literary works of their choice and effectively communicate an analysis of these works utilizing modern technologies such as computer presentation software, and publishing on the World Wide Web.

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ENGLISH 11

REQUIRED

GRADE: 11

DESCRIPTION: English 11 focuses on American Literature. Our primary areas of focus will be analyzing form, theme, fundamental literary concepts and vocabulary, and examining what Literature and Media say about what it means to be American. Students will continue to practice and improve their writing, and will begin to take on more complex topics and ideas. Vocabulary, grammar, and writing instruction will be used to bolster communication, writing, and critical thinking skills. Units will include short stories, nonfiction, poetry, drama, public speaking, and a mix of classic and contemporary work. Each major text will be taught while considering the modern-day relevance of its ideas and themes. Often, this will mean that we will compare and contrast a classic American text with a contemporary one of a similar style or message, to see where they are similar and where they are different.

Major texts covered during the year include selections of the short fiction by Ernest Hemingway, Tobias Wolff, and Junot Diaz; ancient and modern American Indian Literature will come next, where we will study local author Jim Norton and read the National Book Award winning novel, *The Absolutely True Diary of a Part Time Indian* by Sherman Alexie. We will read and discuss the play *The Crucible* by Henry Miller aloud in class. Expanding off themes of justice from *The Crucible*, we will listen to a podcast by *This American Life* called *Serial* about a modern-day murder case. A unit surrounding race and racism will include the film *42* about Jackie Robinson and will lead into reading the contemporary drama *Fences* by August Wilson. Other novels and texts may include *The Adventures of Huckleberry Finn* by Mark Twain, *The Grapes of Wrath* by John Steinbeck, *The Jungle* by Upton Sinclair, and *The Great Gatsby* by F. Scott Fitzgerald. Some or all of these books will be taught depending on time.

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ENGLISH 12

REQUIRED

GRADE: 12

DESCRIPTION: This course is available to seniors who have completed English 11. Literature study includes the classic novels The Count of Monte Cristo, A Tale of Two Cities, 1984, Johnny Got His Gun, Black Boy, Ishmael. An exciting drama unit features On Golden Pond, Death of a Salesman, The Effect of Gamma Rays on Man in the Moon Marigolds and Shakespeare's Macbeth. These studies will be supplemented with short stories, one-act plays, poetry and non-fiction selections. Development of student writing—both expository and creative—will be a focus of study throughout the year.

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COLLEGE COMPOSITION I (CITS)

***Lake Superior College Course: ENGL 1106 College Composition I (3 college credits)**

ELECTIVE GRADES: 10-12

LENGTH: 1 SEMESTER

DESCRIPTION: This focus of this elective is expository (essay) writing with an emphasis on the writing process. A

selection of creative assignments is taught as well. Student will learn how to compose succinct, purposeful essays, including personal narrative, division and classification, compare and contrast, and resume and cover letter writing.

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INTRODUCTION TO LITERATURE (CITS)

****Lake Superior College Course: ENGL 1112 Introduction to Literature (3 college credits)***

ELECTIVE

GRADES: 11-12

LENGTH: 1 SEMESTER

DESCRIPTION: This course is designed to be a first year, college-level, survey course. Focuses include the study and analysis of elements of prose, poetry and drama in English from earlier periods through the contemporary. Emphasizes critical readings of literature. May include such genres as short story, novel, memoir, nonfiction, biography, autobiography, poem, play, or screenplay.

*A grade of "C" or higher must be earned in this course to earn college credit.

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HEALTH

HEALTH 9

REQUIRED GRADE: 9

DESCRIPTION: Human anatomy, physiology, and kinesiology are taught in relation to First Aid. First Aid for Life and CPR are taught in one quarter. In the second quarter, nutrition, fitness, infectious and noninfectious disease units are among the topics taught.

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HEALTH 10

REQUIRED GRADE: 10

DESCRIPTION: This is a one semester course required for grade 10. Topics covered include peer relationships, sex education, mental health, and drugs. Decision making skills are taught relating to help in sorrow and grief, divorce, marriage, suicide, drugs, nutrition, fitness, alcohol, and infectious and non-infectious diseases. A research project on decision-making from one of several areas may be required. There is a focus on developing a knowledge base that will help in making choices in future schooling, employment, and family living.

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Industrial / Career & Technical Education

INDUSTRIAL TECHNOLOGY 7

REQUIRED GRADE: 7

DESCRIPTION: Students will explore the world of mechanical and computer drafting. Students will get an opportunity to solve some basic engineering challenges while becoming familiar with the world of drafting the “language of industry.”

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INDUSTRIAL TECHNOLOGY 8

REQUIRED GRADE: 8

DESCRIPTION: In 8th grade, technology students will perform all tasks associated with building an Adirondack chair. Machine safety and proper use is emphasized along with material handling. Also, there is a lab fee associated with building the Adirondack chair.

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WOODS TECHNOLOGY 9

REQUIRED GRADE: 9

LENGTH: 1 QUARTER

DESCRIPTION: Subjects covered in this course will include, but not be limited to identifying wood types, the harvesting of wood materials, characteristics of milled wood, tools construction mathematics, reading and development of detailed plans, manufacture of a variety of wood projects, and independent product development.

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CONSTRUCTION

ELECTIVE GRADES: 10-12

LENGTH: ALL YEAR

DESCRIPTION: Students will study the building trades industry in depth through various means. Areas of study will include planning, materials, best practices, and tool usage. Students will be required to participate in class projects on and off campus to learn hands on skills associated with the building trades.

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EMERGING TECHNOLOGIES

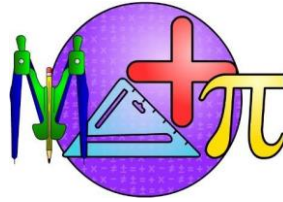
ELECTIVE GRADES: 9-12

LENGTH: SEMESTER

DESCRIPTION: Curious about tech but not sure where to focus? Start with Explore Emerging Tech which provides an introduction to six emerging technologies powering today's jobs: AI, blockchain, cloud computing, cybersecurity, data and

analytics, and the Internet of Things (IoT). Follow up with the Open-Source Origin Stories course where you can dive into an interactive lesson about hybrid cloud computing, AI ethics, and open source technologies, all while you earn a badge. You'll learn a little about each—like foundational concepts, terminology, and applications. Then you can decide where you want to go deeper. At the end of the course, students will decide what technologies will have a positive or negative impact on society.

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MATHEMATICS

**Students should take mathematics courses in the following sequence unless otherwise directed:
Pre-Algebra, Algebra I, Geometry, Algebra II, FST*

PRE-ALGEBRA (TRANSITION MATHEMATICS)

REQUIRED GRADE: 7

LENGTH: ALL Year

DESCRIPTION: This course is a bridge between elementary school mathematics and high school mathematics. It combines applied arithmetic with pre-algebra and pre-geometry. Major topics covered:

- Decimal Notation
- Large and Small Numbers
- Measurement
- Uses of Variables
- Patterns Leading to Addition, Subtraction, Multiplication, and Division
- Problem Solving Strategies
- Displays
- Multiplication and Other Operations
- Real Numbers, Area, and Volume
- Coordinate Graphs and Equations

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ALGEBRA I

REQUIRED GRADE: 8

*PREREQUISITE: Pre-Algebra and Teacher Consent

LENGTH: ALL YEAR

DESCRIPTION: This course is for students who will not be taking Introduction to Algebra and Intermediate Algebra. Algebra I uses real-world examples to teach students how to use variables to represent numbers and how to describe relationships between them. In this course, students will begin the study of linear and quadratic functions. In addition, students will learn how to use algebra in statistics, probability, and geometry. Students who take this course will be read for Geometry in grade 9. Major topics covered:

- Uses of Variables
- Multiplication and Division in Algebra
- Addition and Subtraction in Algebra
- Linear Sentences and Linear Systems
- Slopes and Lines
- Exponents and Powers
- Quadratic Equations and Square Roots
- Polynomials
- Factoring
- Functions (if time allows)

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GEOMETRY

REQUIRED GRADE: 9-12

*PREREQUISITE: Algebra I

LENGTH: ALL Year

DESCRIPTION: Geometry is one of the oldest sciences. This course integrates synthetic, coordinate, and transformation approaches to Euclidean geometry using both deductive and inductive reasoning. Geometry also serves to reinforce basic algebra concepts. Major topics covered:

- Points and Lines
- The Language and Logic of Geometry
- Angles and Lines
- From Reflections to Congruence
- Proofs Using Congruence
- Proofs Using Congruence
- Polygons and Symmetry
- Triangle Congruence
- Perimeters and Areas
- Three-Dimensional Figures
- Surface Areas and Volumes
- Indirect and Coordinate Proofs
- Similarity (if time allows)

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ALGEBRA II (Advanced Algebra)

REQUIRED GRADE: 10-12

*PREREQUISITE: Algebra I and Geometry or teacher consent

LENGTH: ALL YEAR

DESCRIPTION: Algebra II expands on topics learned in Algebra I. Students in this course will learn to use algebra to describe real-world situations that involve linear, quadratic, power, exponential, and logarithmic functions. In addition, the use of matrices and basic trigonometry will be introduced in this course. Major topics covered:

- Functions
- Variables and Graphs
- Linear Functions
- Matrices
- Systems
- Quadratic Functions
- Powers
- Inverses and Radicals
- Exponential and Logarithmic Functions
- Trigonometry
- Polynomials
- Quadratic Relations (if time allows)

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FUNCTIONS, STATISTICS, AND TRIGONOMETRY (FST)

ELECTIVE GRADES: 11-12

*PREREQUISITE: Algebra II

LENGTH: YEAR

DESCRIPTION: FST covers a wide range of topics. It unifies and expands on topics learned in previous courses. Students will learn how to use statistics and graphs to describe a set of data. Students will also review and extend ideas about linear, quadratic, exponential, logarithmic, and circular functions. In addition, students will use trigonometry to solve many real-life problems. Major topics covered:

- Exploring Data
- Functions and Models
- Transformations of Graphs and Data
- Circular Functions
- Trigonometric Functions
- Root, Power, and Logarithmic Functions
- Probability and Simulation
- Sequences, Series, and Combinations
- Polynomial Functions
- Binomial and Normal Distributions
- Quadratic Relations

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MUSIC

Fine Arts

HIGH SCHOOL BAND

ELECTIVE

GRADES: 7-12

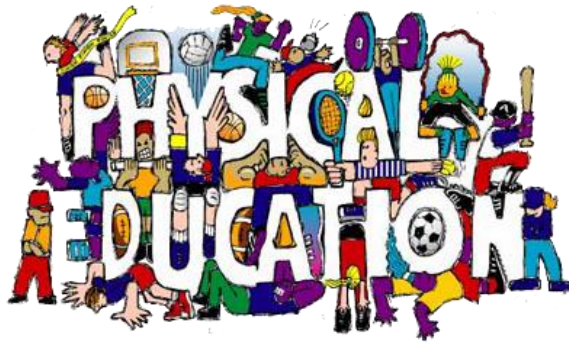
PREREQUISITE: Ability to play a band instrument (or a willingness to learn VERY quickly)

DESCRIPTION: Band is offered to students who want to develop their instrumental and musical knowledge and skills. Students develop individual and group performance skills, using various styles of band literature. Members are required to perform in the winter and spring concerts, graduation, pep band, and parades. They are also expected to participate in solo/ensemble & large group at subsection, as determined by the director. Emphasis is on:

- proper breathing
- instrumental technique
- tone quality
- intonation
- articulation
- development of range
- rhythmic and melodic music reading skills
- style

Students in grades 9-12 attending classroom band will earn ½ credit per semester. Students who attend after school functions for pep band, concerts, parades, etc. may earn an additional ½ credit per semester when meeting attendance criteria set up by the school.

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PHYSICAL EDUCATION

PHYSICAL EDUCATION 7

REQUIRED GRADE: 7

DESCRIPTION: This course offers an ability to develop functional competence in selected play, games, and leisure skills. Development of foundations of personal fitness is an important element with emphasis on enhancement of cardiovascular fitness and motor skills.

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PHYSICAL EDUCATION 8

REQUIRED GRADE: 8

DESCRIPTION: This course develops functional competence in selected play, games, and leisure skills. Development of foundations of personal fitness is an important element with emphasis on enhancement of cardiovascular fitness and motor skills.

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PHYSICAL EDUCATION 9

REQUIRED GRADE: 9

DESCRIPTION: Developing a personal fitness program, analyzing one's personal fitness, and enhancing it, thus giving a method of future reference to lifetime experiences in fitness, are the goals of this course. The class will include exploration of lifetime activities and understanding values associated with competition.

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PHYSICAL EDUCATION 10

REQUIRED GRADE: 10

DESCRIPTION: Developing a personal fitness program, analyzing one's personal fitness, and enhancing it, thus giving a method of future reference to lifetime experiences in fitness, are the goals of this course. The class will include exploration of lifetime activities and understanding values associated with competition.

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WEIGHT TRAINING I & II

ELECTIVE GRADES: 11-12 (Preferential) (9th & 10th graders allowed with approval from Counselor)

LENGTH: SEMESTER EACH

DESCRIPTION: This is a semester long course. Students will have the opportunity to enhance their wellness through weight training. Students will be responsible for developing a training program that they will follow throughout one quarter before a change can be made. Students will gain the knowledge of how muscle is built during training, as well as the proper techniques for each lift. The student will leave this class with the ability to train on their own throughout their lives to benefit their physical well being.

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SCIENCE

FOOD SCIENCE

REQUIRED GRADES: 7-8

LENGTH: ONE FULL QUARTER

DESCRIPTION: Year one will be a study of math and science in food preparation. Students will be required to learn cooking measurements, conversion of measurements, safe handling of kitchen tools, safe handling and storage of food. Students will also learn how food is important to the human body, how the digestive system works, how the digestive system is linked to the other organ systems in the body.

Year two will be a continuation of year one and a focus on food groups from a scientific standpoint, more safe handling and storage of food, food pathogens, life cycles of bacteria, food additives and preservatives.

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LIFE SCIENCE 7

REQUIRED GRADE: 7

DESCRIPTION: Life Science is offered to 7th grade students. Life Science is the study of all living organisms, from the smallest viruses and bacteria up to the largest mammals and the even larger plants. The overriding goal of the course is to have the student recognize not only the connection of all living things to each other but also the connections that the living world has with the non-living. Life Science contains lab work, microscope work, and dissections appropriate to topics covered.

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PHYSICAL SCIENCE 8

REQUIRED GRADE: 8

DESCRIPTION: This course involves the study of the structures and states of matter. It will include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

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PHYSICAL SCIENCE 9

REQUIRED GRADE: 9

DESCRIPTION: This course involves the study of the structures and states of matter. It will include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

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BIOLOGY

REQUIRED GRADES: 10-12

DESCRIPTION: Biology is the study of all living organisms, from the smallest viruses and bacteria up to the largest mammals and the even larger plants. The overriding goal of the course is to have the student recognize not only the connection of all living things to each other but also the connections that the living world has with the non-living. Biology contains lab work, microscope work, and dissections appropriate to topics covered.

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CHEMISTRY

REQUIRED GRADES: 11-12

PREREQUISITES: Physical Science and Algebra II

DESCRIPTION: Chemistry is the study of the chemical interactions of matter at the atomic and molecular level. The grade level requirement is to increase the likelihood that the student taking Chemistry has a math background adequate to the problem-solving nature of the course. Chemistry will offer demonstrations and hands-on lab work associated with the topics covered.

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ENVIRONMENTAL SCIENCE

ELECTIVE GRADES: 10-12

DESCRIPTION: The objective of this course is to have each student gain an understanding of environmental principles and relationships that exist in the natural world. This understanding will be gained through the use of lab experiments, research projects, outdoor field work, and a study of a nature-focused nonfiction novel. This course is one semester in length but may be repeated for a total of two semesters (1 full school year).

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SOCIAL STUDIES

AMERICAN HISTORY 7

REQUIRED GRADE: 7

DESCRIPTION: This course on American History spans the era from the beginning of European colonialism in the 1600's to the Civil War.

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GEOGRAPHY 8

REQUIRED GRADE: 8

DESCRIPTION: Geography is a course that deals with people and their relationship with the earth. Students of geography will learn geographic facts and then relate those facts to their understanding of how and why people live the way they do. Objectives of the course include the following:

- To develop vivid geographic concepts and apply them to the solution of problems.
- To understand the meaning of place, region, human environment interaction, and movement.
- To understand how people provide for their needs and wants.
- To develop international understanding.
- To promote human progress.

One of the goals of the course is to meet the MN Geography Standards.

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CIVICS 9

REQUIRED GRADE: 9

DESCRIPTION: Civics was originally intended to be an introduction to the structure and functions of American government. Over the years, however, the citizenship course has broadened in scope to include not only the important concepts of government, but also our other civic responsibilities. These include:

- An understanding of U.S. history from pre-colonization to the framing of the U.S. Constitution.
- Appreciation of the role of basic social institutions.
- The improvement of human relations.
- An awareness of both current world and domestic affairs. Objectives of the course are:
- Politics (American people, role of government in our lives)
- Federal government (Executive, Legislative and Judicial Branches)
- Law & Justice (Courts, law enforcement, jail and prison)

The class begins with a study of American history up to the early 1800's, then continues into politics and the role of government in our lives. The course includes an in-depth study of our Constitution, its history, and framework. Our civil liberties, freedoms, and rights are considered in units on law and justice.

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AMERICAN HISTORY 10

REQUIRED GRADE: 10

DESCRIPTION: This course highlights major trends and significant developments in American life from the Civil War to the present. It focuses upon concepts and understandings based upon a background of factual knowledge. It seeks to make chronological, narrative history become a basis for topical, analytical thought, thereby providing deeper insight into the developments in American history [1790 to present]. Objectives of the course include:

- To consider the similarities and differences between past and present and the relationship of historical origins to contemporary trends.
- To understand how the young nation struggled with its early development.
- To realize how differences on slavery led to division and a tragic civil war.
- To understand the ways in which our nation dealt with and overcame the constitutional, economic, social, and political problems that resulted from the Civil War.
- To appreciate how the new age of industry changed the American Way of Life.
- To understand how government grew as a guardian of people's rights and national resources.
- To understand the reasons for America's overseas expansion, along with its benefits and problems.
- To understand how Americans disinterest in and disregard for foreign and domestic policies eventually led to economic collapse and a global war.
- To realize the heavy burden of responsibility that is carried by the U.S. as a world leader today.

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WORLD HISTORY

REQUIRED GRADE: 11

DESCRIPTION: The primary purpose of World History is to supply give students with an opportunity to learn about the economic, political, and social developments that created the western civilization of which they are a part. The course includes the delete Mesopotamia, Ancient Greece, Ancient Rome, and Byzantine. The course will also include study of the European Middle Ages, the Renaissance, the Rise of Nation States, the Scientific Revolution, the Enlightenment and the Industrial revolution.

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AMERICAN GOVERNMENT "We the People" Style (CITS)

**Lake Superior College Course: PSCI 1110 American Government and Politics (3 college credits)*

REQUIRED GRADE: 12

LENGTH: 1 SEMESTER (1st Semester)

DESCRIPTION: The primary goal of "We the People...The Citizen and the Constitution" is to promote civic competence and responsibility among the nation's secondary students. The instructional program enhances students' understanding of the institutions of American constitutional democracy.

At the same time, students discover the contemporary relevance of the Constitution and Bill of Rights.

The culminating activity is a simulated congressional hearing in which students “testify” before a panel of judges. Students demonstrate their knowledge and understanding of constitutional principles and have opportunities to evaluate, take, and defend positions on relevant historical and contemporary issues. Critical thinking exercises, problem-solving activities, and cooperative learning techniques help develop intellectual and participatory skills while increasing students’ understanding of the institutions of American constitutional democracy. The “We the People” curriculum fosters attitudes that are necessary for students to participate as effective, responsible citizens. After studying the textbook, students take a multiple-choice test and prepare for the simulated congressional hearing.

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INTRODUCTION TO ECONOMICS

REQUIRED GRADE: 12

LENGTH: 1 SEMESTER (2nd Semester)

DESCRIPTION: The Economics course will focus mainly on economic thought, process, and application. Economics deals with basic problems that are faced by individuals or governments in any society, scarcity of resources, opportunity costs, incentives, markets and market structure, market failure, as well as absolute and comparative advantage and barriers to trade.

The course will be challenging and (mostly) a lot of fun because by its very nature, economic thought must be discussed, debated, and challenged. There will be periodic essay tests, projects, opinion papers based on the knowledge acquired during classroom discussion, simulations, and daily work that will require time to produce a quality product.

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WORLD LANGUAGE

Most colleges and universities have a two-year foreign language requirement.

EXPLORATORY LANGUAGE

REQUIRED GRADES: 7-8

DESCRIPTION: Exploratory Spanish is a nine-week course designed for middle school students to explore the Spanish language and Spanish-speaking cultures. Students are provided opportunities to communicate in Spanish with their peers and teacher. In addition, they will understand their own culture better as they learn about different aspects of Spanish-speaking cultures.

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SPANISH I

ELECTIVE GRADES: 9-12

DESCRIPTION: This is an active class that gives the beginning student the vocabulary necessary to communicate on a basic level with Spanish speakers on a variety of familiar subjects such as school, home, activities, etc. The student will learn how to formulate sentences and dialogues through listening, speaking, reading and writing. Cultural activities will accompany language lessons to acquaint students with food, artistic expression, and diversity of the Spanish-speaking world. Students will use communication modes to reach a proficiency level of Novice Mid-High.

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SPANISH II

ELECTIVE GRADES: 10-12

PREREQUISITE: Spanish I

DESCRIPTION: Through thematic units, students will expand their skills in speaking, listening, reading, writing and cultural awareness. Students will develop a functional command of words and phrases that deal with immediate needs and common everyday situations or while traveling in limited situations. Students will demonstrate comprehension of simple questions and statements about family, residence, self, weather, time and interests. The content expansion includes the use of familiar words and phrases applicable with common commands, frequent instructions, and courtesy interchanges. Students will be able to recognize and properly use present and past tense grammar structures. They will use communication modes to reach a proficiency level of Intermediate Low-Mid.

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SPECIALTY COURSES / ELECTIVES



DRIVERS EDUCATION

ELECTIVE GRADE: 9-12

LENGTH: 1 QUARTER

DESCRIPTION: Students learn the fundamentals of traffic safety while getting a blue card certification. Upon completion and passing of the course, students can take their permit test as long as they are 15 years old. Behind the wheel is available upon request from the instructor.

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MTSS (Reading & Math)

ELECTIVE GRADE: 7-8

LENGTH: (AS NEEDED INDICATED THROUGH SCREENING)

DESCRIPTION: MTSS is a Multi-Tiered System of Supports that is a systemic, continuous-improvement framework in which data-based problem-solving and decision making is practiced across all levels of the educational system for supporting students. Wrenshall School currently works from a two-tiered system with the following outline:

- **TIER 1: The Whole Class.** All students are taught with methods that research has shown to be effective within the general education setting. All students are screened to see who is and isn't responding to these strategies, thus initiating the selection process of qualified students who would benefit from Tier 2 interventions
- **TIER 2: Small Group Interventions.** This group of students receive more targeted support from a small group setting within the areas of *Reading* and *Math*. Students are selected by the screening process and provided this intervention in addition to core instruction.

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PAES

ELECTIVE GRADES: *Placement made by special education case manager.

DESCRIPTION: **PAES IS A HANDS-ON ASSESSMENT OF EMPLOYMENT POTENTIAL**

Students become employees and are exposed to a broad range of hands-on, generalizable work skills. They'll be better prepared for community work experiences, future employment and independent life! Participants clock in and go to work exploring nearly 300 jobs in five career areas that are based upon typical skills found at community based job sites. Participants find out what job skills they are good at, and what job skills they like to do.

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STUDY HALL

ELECTIVE GRADE: 9-12

LENGTH: 1 SEMESTER

DESCRIPTION: Students may choose to elect a study hall as one of their elective hours. Students are expected to go to their designated classroom and study or complete work assigned in other classes. The study hall atmosphere should be one in which students are afforded the opportunity to work undisturbed. Study halls will be treated as a regular class: thus, students are expected to attend, to report on time, and to adhere to classroom rules.

***A study hall is not a credit bearing course.**

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TEACHER'S AIDE (TA)

ELECTIVE GRADES: 11-12

LENGTH: 1 SEMESTER

REQUIREMENTS: Minimum GPA of 2.0, Teacher approval required

DESCRIPTION: The job of a Teacher's Aide (TA) is generally determined by the supervising teacher. Daily and timely attendance is required.

APPLICATION: Completion of the *Teacher Aide/Office Aide Application & Contract* is required to complete the registration process. Further specific details are listed within that cover student and teacher expectations. A copy of this contract is kept on file in the Counselor's office.

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Work Based Learning SEMINAR

ELECTIVE GRADES: 11-12 (Ages 16+)

DESCRIPTION: This seminar course will provide students an opportunity to explore career and post-secondary options and create an "action plan" for finding a rewarding future career. Students will participate in a number of self-assessments to clarify their interests, abilities, and work preferences. Students will research educational options and become aware of a variety of career planning resources currently available. Students will learn what is needed for a successful job search, prepare a resume, a practice application, cover letter, follow-u letter, collect references, recommendations and work samples. Upon completion of the course, students will have a portfolio of work resources appropriate for college or career application. Successful workplace and personal skills will be stressed. IN addition to classroom assignments, speakers and field trips will be required.

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Work Based Learning EXPERIENCE (Site Based)

ELECTIVE GRADES: 11-12 (Ages 16+)

REQUIREMENTS:

- Be at least 16 years old, and a Junior or Senior
- Be credit ready and on track for graduation
- Have a GPA of 2.0 or higher
- Have good attendance and behavior
- Have the recommendation of 2 staff members
- **Be able to provide own transportation to the Work Based Learning site**
- Complete the Work Based Learning application form and interview with the WBL Coordinator
- Successfully completed the WBL Seminar course or is currently enrolled

DESCRIPTION: This program is for students who have a career objective in mind, or who want to explore aspects of a potential career. The course will require independent study modules and job related activities, journaling of work site experiences, and ongoing conferences involving the student worker, his or her employer, and the WBL Coordinator.

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CREDIT RECOVERY

ELECTIVE / AS NEEDED GRADES: 9-12

DESCRIPTION: Students have the opportunity to take online classes from an approved accredited institution when deemed necessary. Online Credit Recovery courses help students who need to make up missed courses or improve grades in order to graduate on time. These courses are demanding and require effective time management as well as a great deal of self-discipline. It is the responsibility of the student to earn a passing grade in an online course.

Credit equivalence at Wrenshall will be calculated accordingly once a final grade has been issued to the school. Documentation of acquired credits is needed before the credit is accepted and issued by the Wrenshall school district. It is recommended that you receive a secured approval from the school before enrolling in any online course, to ensure credit acceptance. Please speak with the guidance counselor if registering into an online course seems to be a viable option. The guidance counselor will be able to advise you regarding any additional steps that need to be completed before beginning the online course.

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