

2026 - 2027 Course Catalog 9-12



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Please note that all efforts were made to ensure accuracy of this course catalog. However, if there is a discrepancy, administration will award credits based on the standard high school credit policy.

All students in grades 9-12 are permitted only 1 study hall per day per semester. Not only is this consistent with all other schools in Minnesota but it is also required by the Minnesota Department of Education for a student to be considered a full-time student.

Students are advised that their requests in pre-registration reflect the courses that show up on their schedule. This means that if a student registers for it now, they are agreeing to take the course later if it shows up on their schedule. However, students may not get all the options and may need to enroll in courses that were not selected based upon other choices. In all instances, we do the very best we can to honor student registration desires!

REGISTRATION INFORMATION

As you review the courses available and register, keep the following in mind:

- Review your transcript to determine which courses you have received credit for.
- Select courses that will satisfy Rock Ridge High School's graduation requirements.
- Select courses that will best prepare you for post-high school endeavors.
- Seek advice from people who can assist you.
- Read the course descriptions to select courses of interest to you.

DETERMINATION OF COURSE OFFERINGS

A course will be offered only if there is sufficient enrollment. Sufficient enrollment will vary from course to course. This variation is based on the source and amount of funding made available for courses through state and federal programs. This is why it is so important to take the registration process seriously.

SCHEDULE CHANGES

During the registration process, students are informed and encouraged to make careful course selections. These selections are used to build school schedules and establish staffing needs. For schedule changes to be honored, a Schedule Change Request must be submitted through the Schedule Change Request Form located on RRPS.org under Counseling.

Requested changes to a student's schedule will be honored only in certain circumstances. These may include:

- Failing a prerequisite
- Gaps in a student schedule
- Administrative discretion
- Needing to fulfill graduation requirements or engage in academic support

Some reasons schedule change requests may not be honored:

- Changing teachers
- Changing class hours
- Requesting classes with friends
- Requesting a 7th hour study hall
- Dropping required courses
- Convenience
- Dropping below the required number of academic courses a semester

Students who drop a course after the 5th day may receive a failing grade (F) for each marking period of the course and online courses dropped after the 2nd week will receive a failing grade (F). Grading for dropped courses at the college level are specific to each institute.

The opportunity to change a student schedule will be very limited once school resumes in the fall. If a student must change their course selection, they should do so before the end of the current school year.

TO ALL STUDENTS:

**THE OFFICE RESERVES THE RIGHT TO CHANGE ANY PROGRAM
FOR THE PURPOSE OF BALANCING OUT CLASSES
OR FOR OTHER ADMINISTRATIVE REASONS.**

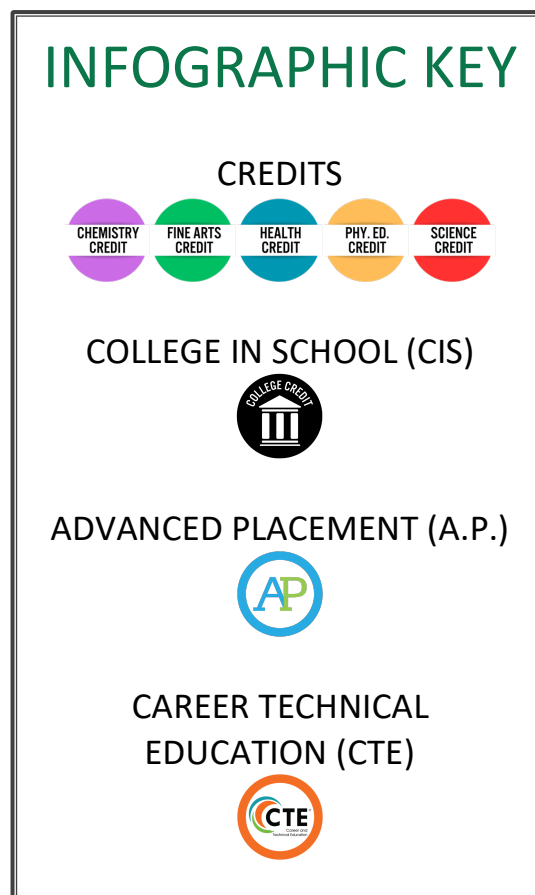
PLANNING FOR AFTER HIGH SCHOOL

Students graduating from high school must meet preparation requirements for admission to Minnesota State Universities. In addition to the requirements to graduate from Rock Ridge High School, private colleges and universities in Minnesota and state universities outside of Minnesota have a wide range of admissions requirements. Students are encouraged to inquire about requirements for colleges they are interested in attending. In addition to coursework requirements, some colleges and universities have freshman entrance tests that students must pass in order to register for college level courses. Some post-secondary schools set world language proficiency as a graduation requirement. Some colleges and universities require students to be Calculus-ready in mathematics for admission. The responsibility for obtaining this information rests with each student. Your school counselor will help in every way possible.

COURSES REQUIRED FOR MILITARY ENLISTMENT

The U.S. military currently holds a high standard for recruitment of enlistees. Most students who are enlisted into the military hold high school diplomas. The military has a very limited number of jobs available to students who are not high school graduates. Preparation for a military career should include the same coursework as preparation for admission to a Minnesota State University.

Students may choose to determine a non-military vocational interest and try to match their vocational interest to a military job. The Armed Forces have many jobs that parallel civilian careers. Military recruiters can provide additional information about the kinds of jobs available to students.



NCAA ELIGIBILITY

STUDENT ATHLETES PLANNING FOR COLLEGE ATHLETIC OPPORTUNITIES

Student athletes must be sure they take appropriate core classes to meet Division I & II participation requirements and complete a NCAA Clearinghouse form. In many instances, remedial courses will not count as available core classes to meet this requirement. Athletes are encouraged to speak with a counselor to ensure all classes meet guidelines.

See NCAA website: <https://professionals.collegeboard.com/guidance/prepare/athletes/ncaa>.

VERY IMPORTANT!
The only way for the school to know is if the

Initial-Eligibility Standards

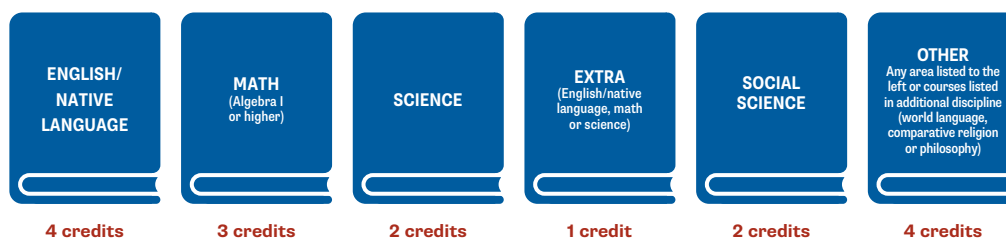
If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. Plan to register before year nine of secondary school. For more information on registration, visit on.ncaa.com/RegChecklist.

International Academic Requirements

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

Division I

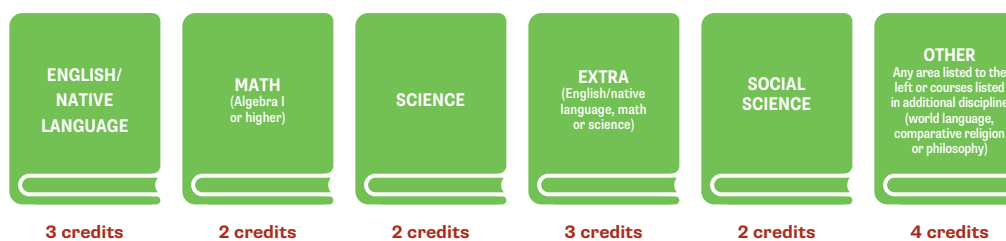
1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Complete your 16 NCAA-approved core-course credits prior to your expected date of secondary school graduation. If you graduate from secondary school early, you still must meet core-course requirements.
3. Earn a minimum 2.3 **core-course grade-point average (GPA)**. For more information on GPA conversions for your country, visit ncaa.org/countries.
4. Ask your secondary school counselor or appropriate issuing body to **submit an official transcript** from years nine and up in your native language, and include a certified line-by-line **English translation** with proof of graduation to your Eligibility Center account. For more information on proof of graduation for your country, visit on.ncaa.com/IntlGuide.

Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Earn a minimum 2.2 **core-course grade-point average (GPA)**. For more information on GPA conversions for your country, visit ncaa.org/countries.
3. Ask your secondary school counselor or appropriate issuing body to **submit an official transcript** from years nine and up in your native language, and include a certified line-by-line **English translation** with proof of graduation to your Eligibility Center account. For more information on proof of graduation for your country, visit on.ncaa.com/IntlGuide.

Division III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.

CONCURRENT ENROLLMENT

Concurrent Enrollment is defined as enrollment in one course that provides dual credit attainment at both the high school and college levels. You can do this via two ways: CIS or PSEO.

What is the difference between College in the School (CIS) Postsecondary Enrollment Options (PSEO)?

CIS is taken AT THE high school. PSEO is taken AT THE college.

Both will allow you to earn college credit and work towards a college degree while being a high school student

Under the CIS option, high school students stay on site at their local high school where high school teachers work collaboratively with the college faculty to provide college level courses for college credit.

Please keep in mind that regardless of the credits earned at postsecondary institutions, students must meet the minimum outlined graduation requirements at Rock Ridge High School. As allowed per the Minnesota Department of Education, credits earned at post-secondary schools will earn credits at the high school level in the following manner.

Credits Earned at College		Credits Earned at High School
(5) Credits at College	=	(1.25) Credit at High School
(4) Credits at College	=	(1.00) Credit at High School
(3) Credits at College	=	(.75) Credit at High School
(2) Credits at College	=	(.50) Credit at High School
(1) Credit at College	=	(.25) Credit at High School

What are the benefits of Concurrent Enrollment?

- ✓ Challenging courses for high-achieving high school students; enrichment of secondary curricular offerings
- ✓ An introduction and preparation for students as to what is expected in a college course
- ✓ A "head start" on college education for high school students
- ✓ Partnerships and cooperative initiatives between high school and postsecondary institutions
- ✓ Opportunity for students to earn college credits while remaining at their high school with their peer group

COLLEGE IN THE SCHOOL (CIS)

CLASSES ARE AT THE HIGH SCHOOL



Courses marked with a College Credit icon are CIS (College in the Schools) courses that can earn you college credit while being in high school.

CIS classes are REAL COLLEGE CLASSES, which count for college credit that can be used towards earning a college degree or certification. They are taken right on the high school campus and taught by eligible and qualified Rock Ridge High School teachers. Students taking CIS also earn high school credit towards graduation on top of their college credit.

CIS ELIGIBILITY-

A CUMULATIVE GPA OF:

2.5 or higher for Seniors / 3.0 or higher for Juniors
3.0 or higher for Sophomores AND a score of 850 or higher on their 8th grade MCA reading test

11th & 12th grade students are able to take any of the following CIS class for college credit if they meet eligibility:

- American History: to 1877
- American History: 1877 to Present
- American Literature: 1865 to Present
- Basic Life Support/CPR
- Basic Ceramics
- Calculus I
- Child Development and Learning
- College Algebra (One Semester)
- College Algebra Year Long
- College Composition I
- College Composition II
- Digital Photography
- Emergency Medical Responder / Basic Life Support
- General Biology I
- Intro to Chemistry I
- Human Anatomy & Physiology I
- Human Anatomy & Physiology II
- Intro to Communications
- Intro to Forensic Biology
- Intro to Nursing Assistant / Home Health Aide
- Intro to Physics
- Intro to Short Story
- Intro to Teaching
- Microbiology
- Trigonometry

10th graders are only able to take the following CIS classes if they meet eligibility:

- Child Development and Learning
- Intro to Nursing Assistant / Home Health Aide
 - Emergency Medical Response
 - Basic Life Support/CPR

Taking CIS classes for High School Credit ONLY:

Students who do not meet the minimum eligibility requirements may choose to take a CIS class for high school credit only if there is room available in the desired course. Grading, rigor, pace, and course work will be the same for high school credit and college credit students in all CIS courses. Courses taken for high school credit only will NOT appear on college transcripts. A maximum of 50% of the students in the class can take the course for high school credit only. Please see the counselor if you are interested in a high rigor class, but do not meet the requirements.

CIS COURSE INFORMATION

Course Name	Course #	Facilitating College	Eligibility	Course Pre-Requisite	College Credits	HS Credits
American History: to 1877	HIST 1211	Minnesota North College	GPA Requirement		3	.75
American History: 1877-Present	HIST 1212	Minnesota North College	GPA Requirement		3	.75
American Literature: 1865 to Present	ENGL 2222	Minnesota North College	GPA Requirement	Placement Score	3	.75
Basic Ceramics	ART 1360	Minnesota North College	GPA Requirement		3	.75
Basic Life Support / CPR	ALHE 1400	Minnesota North College	GPA Requirement	Must be taken with EMSV 1400	1	.25
Calculus I	MATH 1311	Minnesota North College	GPA Requirement	MATH 1220 & 1225 or Placement Score or Precalculus Math 1300	5	1.25
Intro to Nursing Assistant / Home Health Aide	NAHA 1100	Minnesota North College	GPA Requirement		4	1
Child Development & Learning	ECED 1202	Minnesota North College	GPA Requirement		3	.75
College Algebra	MATH 1220	Minnesota North College	GPA Requirement	MATH 300 or Math Placement Score	3	.75
College Composition I	ENGL 1231	Minnesota North College	GPA Requirement	Placement Score	4	1
College Composition II	ENGL 1232	Minnesota North College	GPA Requirement	ENGL 1231	3	.75
Digital Photography	ART 1346	Minnesota North College	GPA Requirement		3	.75
Emergency Medical Responder	EMSV 1400	Minnesota North College	GPA Requirement	Must be taken with ALHE 1400	3	.75
General Biology I	BIOL 1120	Lake Superior College	GPA Requirement		3	.75
Intro to Chemistry I	CHEM 1521	Minnesota North College	GPA Requirement	MATH 1220	4	1
Human Anatomy & Physiology I	BIOL 2371	Minnesota North College	GPA Requirement		4	1
Human Anatomy & Physiology II	BIOL 2372	Minnesota North College	GPA Requirement	Human A & P I	4	1
Intro to Communication	COMM 1210	Minnesota North College	GPA Requirement		3	.75
Intro to Forensic Biology	BIOL 1009	Lake Superior College	GPA Requirement		3	.75
Intro to Physics	PHYS 1100	Minnesota North College	GPA Requirement	MATH 300 or Math Placement Score	4	1
Intro to Short Story	ENGL	Minnesota North College	GPA Requirement		3	.75
Intro to Teaching	EDUC 1101	Minnesota North College	GPA Requirement		3	.75
Microbiology	BIOL 1170	Lake Superior College	GPA Requirement	BIO 1120 or AP Biology	3	.75
Trigonometry	MATH 1225	Minnesota North College	GPA Requirement	MATH 300 or Math Placement Score	2	.5

PSEO

CLASSES ARE ON THE COLLEGE CAMPUS

The Postsecondary Enrollment Options (PSEO) program provides 11th and 12th grade students, who qualify for admission to the postsecondary institution of their choice, the opportunity to take college course(s) for college and high school credit. This program is designed to provide students with an expanded curriculum (opportunities not available at our school) and/or take advanced courses.

Students in 10th grade may be eligible to take one vocational course through the PSEO option.

Students must be capable of handling all the responsibilities that follow this choice. Students may attend on a full or part-time basis. It is important that each PSEO student stay in regular contact with their high school counselor to ensure that they are fulfilling all requirements for graduation.

Minnesota North College is the most commonly used institution for PSEO among RRHS students. Admission to MNC is based on a cumulative GPA of 3.0 or greater for juniors; and 2.5 or greater for seniors. *Enrollment in some courses require a higher GPA for seniors.* Students may inquire to any college they are interested in regarding utilizing them for PSEO.

Students must visit the website of the postsecondary institute they plan on attending, complete the online PSEO application and all other required forms. When their portion is complete, including parents/guardians' signatures, the student must bring the forms to their high school counselor. The student will then deliver all paperwork to the postsecondary institution and make an appointment to register for classes. Once the students have a schedule, they need to deliver a copy to their high school counselor. See your high school counselor with any questions. An online application must be filled out for each semester.

RRHS Students must bring/email their high school counselor a copy of their college PSEO schedule.

ROCK RIDGE REQUIREMENTS FOR PSEO STUDENTS

GRADUATION REQUIREMENTS

English Credits:	Any English class with ENGL COMM 1210 – Intro to Communication (.75 Credit)	Senior English (1 Credit)/ Junior English (1 Credit)
Math Credits:	MATH 1220 – College Algebra (.75 Credit) MATH 1212 – College Trigonometry (.5 Credit)	Math elective credit after Geometry and Algebra II (1 Credit)
Social Studies Credits:	HIST 1211 – American History to 1877 (.75 Credit) HIST 1212 – American History 1877 to Present (.75 Credit)	Both Am. History Courses are required to fulfill the US History Requirement (1 Credit)
	POLS 1215 – American Government-Politics (.75 Credit) ECON 1200 – Intro to Economics (.75 Credit)	Econ OR US Government – Take 2 nd semester of your senior year
Science Credits:	Any Science class with CHEM or PHYS	Required Science (1 Credit)
Fine Arts Credits:	Any Fine Art class with ART or MUSC	Required Fine Art (1 Credit)

ALL OTHER COURSES SHOULD BE ASSUMED TO EARN ELECTIVE CREDIT ONLY.

PLEASE SEE YOUR COUNSELOR WITH ANY QUESTIONS.

A majority of PSEO classes are online classes.

Please make sure this format is an ideal learning style for you when choosing your classes.

ADVANCED PLACEMENT (AP)

CLASSES ARE AT THE HIGH SCHOOL



Courses marked with an AP logo icon denote courses in which college credit may be obtained through an examination process. Advanced Placement courses are courses taken at the high school that culminate with an exam. Your score on the exam determines the number of credits and/or placement at college. If you earn an AP Exam score of 3 or higher, chances are you can receive credit, advanced placement, or both from your college – nearly all colleges and universities in the United States – as well as many institutions in more than 60 other countries – grant credit and placement for AP scores or acknowledge AP scores in the admission process.

Can anyone sign up for advanced placement courses?

Advanced placement courses are open to certain grade levels. See course descriptions.

Do I need a certain grade point average to enroll in advanced placement courses?

No

Do I need to apply to the college?

No

ADVANCED PLACEMENT (AP) COURSES

Course Name	Course Number	Course Pre-Requisite	College Credits	High School Credits
AP Biology	13202A / 13202B		By Exam	1
AP General Psychology	14422A / 14422B		By Exam	1
AP Government	14307	Available in grade 12 only	By Exam	.5

CAREER TECHNICAL EDUCATION



Career and Technical Education (CTE) programs are a sequence of courses that integrate core academic knowledge with technical and occupational knowledge and skills to provide students a pathway to postsecondary education and careers. CTE teaches transferable workplace skills in applied learning contexts to provide opportunities to explore high-demand career options and gives students the technology and skills needed for success in adult life.

GRADUATION REQUIREMENTS

Requirement	Class of 2027	Class of 2028, 2029, & 2030
Career Exploration	Career Exploration (0.5)	Career Exploration (0.5)
English	Literature & Communication (1.0)	Literature & Communication (1.0)
	English Concepts (1.0)	English Concepts (1.0)
	English Electives (2.0)	English Electives (2.0)
Fine Arts	Fine Arts Elective (1.0)	Fine Arts Elective (1.0)
Health	Health Elective (.5)	Health Elective (.5)
Math	Math Elective (1.0)	Math Elective (1.0)
	Geometry (1.0)	Geometry (1.0)
	Algebra II (1.0)	Algebra II (1.0)
Physical Education	Phy Ed Elective (.5)	9 th Grade Phy Ed Class (.5)
Science	Earth Science (1.0)	Earth Science (1.0)
	Biology (1.0)	Biology (1.0)
	Physics or Chemistry (1.0)	Physics or Chemistry (1.0)
Social Studies	Foundations of Social Studies (.5)	Foundations of Social Studies (0.5)
	World History (1.0)	World History (1.0)
	U.S. History (1.0)	U.S. History (1.0)
	Government (0.5)	Government (0.5)
	Economics (.5)	Economics (.5)
Personal Finance		Personal Finance (.5)
Electives	Electives (8.0)	Electives (7.5)
Total Credits Required To Graduate	24	24

CORE CLASSES

9TH GRADE	Required Courses	<ul style="list-style-type: none"> • Literature & Communication • Algebra I *or* Honors Geometry • Earth Science *or* Honors Earth Science • Foundations of Social Studies 9 *or* Honors Social Studies Foundations 9 • Career Exploration • Personal Health Studies • Phy Ed
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10TH GRADE

Required Courses	MATH	3 Credits 9-12	<ul style="list-style-type: none"> • Geometry or Honors Algebra II
	LANGUAGE ARTS	4 Credits 9-12	<ul style="list-style-type: none"> • Honors Global and Intercultural Literature (10) • English Concepts 10
	SOCIAL STUDIES	3.5 Credits 9-12	<ul style="list-style-type: none"> • World History (10) • Honors World History (10)
	SCIENCE	3 Credits 9-12	<ul style="list-style-type: none"> • Biology (10) • AP Biology (10)

11TH GRADE

Required Courses	MATH	3 Credits 9-12	<ul style="list-style-type: none"> • HS Algebra II (11)
	LANGUAGE ARTS	4 Credits 9-12	<ul style="list-style-type: none"> • Journalism I and Journalism II (11-12) • CIS College Composition I (11-12) • CIS College Composition II (11-12) • CIS Intro to Short Story (11-12) • CIS American Lit 1865- Present (11-12) • 2 English Electives
	PERSONAL FINANCE	.5 Credits 11	<ul style="list-style-type: none"> • Personal Finance (11) <i>Class of 2028 and Beyond</i>
	SOCIAL STUDIES	3.5 Credits 9-12	<ul style="list-style-type: none"> • US History 11 (11) • American History: to 1877 CIS (11-12) • American History: 1877-Present CIS (11-12) • Economics (11-12) • AP Economics (11-12)
	SCIENCE	3 Credits 9-12	<ul style="list-style-type: none"> • HS Chemistry (11-12) • Food Chemistry (11-12) • CIS Chemistry (11-12) • CIS Physics (11-12)

12TH GRADE

Required Courses	MATH	3 Credits 9-12	<ul style="list-style-type: none"> • HS Algebra II (11)
	LANGUAGE ARTS	4 Credits 9-12	<ul style="list-style-type: none"> • Introduction to Communication (11-12) • Journalism I and Journalism II (11-12) • CIS College Composition I (11-12) • CIS College Composition II (11-12) • CIS Intro to Short Story (11-12) • CIS American Lit 1865- Present (11-12) • 2 English Electives
	SOCIAL STUDIES	3.5 Credits 9-12	<ul style="list-style-type: none"> • American Government (11-12) • AP Government (11-12)
	SCIENCE	3 Credits 9-12	<ul style="list-style-type: none"> • HS Chemistry (11-12) • Food Chemistry (11-12) • CIS Chemistry (11-12) • CIS Physics (11-12)

ACADEMIES, PATHWAYS, & CAPSTONES

At Rock Ridge High School (RRHS), we use the Academy Model to drive student learning and provide professional experiences and opportunities. The Academy Model at RRHS has three components:

1. Academies (4) within grades 7-12:

- a. Grades 7-9 Career Exploration
- b. Grades 9-12 Natural Resources, Engineering, Manufacturing, Architecture, & Construction
- c. Grades 9-12 Business, Information Technology, Communication, Hospitality, & Arts
- d. Grades 9-12 Health Science & Human Services
- e. Academy Achievement = Pathway Proficiency (below) and Capstone Completion (below) will earn the student special recognition at graduation.

2. Pathways:

- a. High School Pathways in Career Academies are a sequence of academic and career-focused courses that prepare students for a specific industry through integrated learning experiences like college credit, certifications, and internships.
- b. These programs combine rigorous academics with career-specific training, helping students explore interests and build skills for future success in college or the workforce.
- c. Pathway Proficiency = The completion of the Pathway Courses identified in the photo charts of each Academy and will earn the student special recognition at graduation.

3. Capstones:

- a. A capstone project is the culminating experience of a student's learning journey.
- b. An opportunity to apply academic knowledge and real-world skills to a meaningful challenge or question.
- c. Grounded in the Gold Standard PBL framework from the Buck Institute for Education (PBLWorks), a high-quality capstone experience engages students in sustained inquiry, authentic work, and public sharing.
- d. Capstone Completion = The completion of an agreed upon project, or the like, and then successfully presented to the Capstone Advisory Board.

The following photo charts of the Academies host an abundance of information for the students to use and apply when making course choices. Please reach out to Willie Spelts at willie.spelts@rrps.org or 218-290-1237 for more information about Academy Achievement, Pathway Proficiency, and Capstone Completion.



ACADEMIES

BUSINESS, INFORMATION TECHNOLOGY, COMMUNICATIONS, & ARTS

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Business, Information Technology, Communications, & Arts					
<p>Rock Ridge High School Business, Information Technology, Communications, & Arts Career Academy is an innovative program designed to prepare students for success in dynamic, fast-paced industries. This academy offers a comprehensive curriculum that combines rigorous academics with hands-on learning experiences. Students explore areas such as business management, entrepreneurship, information systems, digital media, graphic design, and performing arts. Through collaborative projects, internships, and access to state-of-the-art technology, students gain practical skills and industry knowledge. The academy emphasizes creativity, critical thinking, and communication, equipping graduates with the tools to excel in college, careers, and beyond. It fosters a passion for innovation and empowers students to become leaders in their chosen fields.</p>					
Sample Careers	<ul style="list-style-type: none"> •Lodging (Lodging Management, Concierges, Housekeeping/Janitorial/Maintenance, Front Desk/Guest Services, Event Management, Finance) •Restaurants and Food/Bev Service •Managers (Advertising & Promotion Manager, Public Relations Officers, Tellers, Tax Preparers, Insurance Sales Agents, Financial Advisors) •Recreation, Amusement & Attractions (Museum Curator, Tour Guide, Park Ranger) •Travel •Marketing Specialist •Sales Representative •Social Media Manager •Business Consultant •Accountants •Loan Officers •Appraisers •Claims Adjusters •Personal Financial Advisors 			<h3 style="color: red; margin: 0;">Career Pathways</h3>	
Required	Pathway Advanced Courses (Choose 6)		Capstone		
<ul style="list-style-type: none"> • Career Exploration 	<ul style="list-style-type: none"> • Marketing Strategies • Advanced Marketing • The Art of Persuasion • Entrepreneurship I • Entrepreneurship II • Intro to Business • Food Chemistry • Personal Finance • Sports and Entertainment Marketing 	<ul style="list-style-type: none"> • Culinary I • Culinary II • Food and Nutrition • Photography • Adobe Suite • Intro to Communication • Journalism I • Journalism II 	<ul style="list-style-type: none"> • Senior Internship • Capstone Project • Individual Project approved by Administration • Approved Employment 	<p style="text-align: center;">Business Administration</p> <ul style="list-style-type: none"> • Entrepreneurship • Finance • Marketing • Hospitality • Human Resources <p style="text-align: center;">Arts, IT, & Communication</p> <ul style="list-style-type: none"> • Audio/Visual Technology • Web & Digital Communications • Design • Visual & Performaing Arts • Broadcasting 	
1/8/2026 -WS					

NATURAL RESOURCES, ENGINEERING, MANUFACTURING, ARCHITECTURE, & CONSTRUCTION

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Natural Resources, Engineering, Manufacturing, Architecture, & Construction



Rock Ridge High School Natural Resources, Engineering, Manufacturing, Architecture, & Construction Career Academy is a dynamic program designed to prepare students for rewarding careers in some of today's most essential industries. This academy offers hands-on learning experiences, integrating classroom instruction with real-world applications. Students engage in specialized coursework that covers fields such as environmental sustainability, engineering design, advanced manufacturing, and construction technology. Through partnerships with local businesses, industry experts, and post-secondary institutions, the academy provides students with access to internships, mentorships, and certifications that align with their career goals. Whether exploring renewable energy, designing innovative structures, or mastering state-of-the-art manufacturing techniques, students graduate with the skills, knowledge, and confidence to succeed in college or the workforce. This academy is ideal for students passionate about building the future and shaping the world around them.

Sample Careers

•Architect •Carpenter •Electrician •Equipment Operator •Plumbing •Masonry •Welding •Mining
 •Millwright •Mechanist •Technicians •Engineer •Lineman •Contractor •Diesel Mechanic •Small Engine
 Repair •Auto Mechanic •Bus Driver •Railroad Worker •Forester/Logger •DNR •Veterinarian
 •Landscaping •Zoologist •Biologist •Lab Technician •Agricultural Engineer •Climatologist •Engineering
 •Technology •Science •Mathematics

Career Pathways

Required	Pathway Advanced Courses (Choose 6)		Capstone	
• Career Exploration	• Design and Construct I	• Small Engines	• Senior Internship	Construction, Architecture, & Engineering
	• Design and Construct II	• Auto Maintenance	• Capstone Project	• Skilled Trades
	• Building Construction I	• Auto Mechanics	• Individual Project approved by Administration	• Design/Pre-Construction
	• Building Construction II	• Welding I	• Approved Employment	• Engineering
	• Home Maintenance	• Welding II		Natural Resources
	• Wood Tech I	• Welding III		• Mining Systems
	• Wood Tech II	• Intro to Millwright & Mining		• Plant, Animal & Natural Resource Systems
	• Engineering I	• Botany		• Environmental Services
	• Environmental Science	• Biology/AP Biology		Maintenance & Repair
	• Zoology	• College Trig		• Facility Maintenance
	• Intro to Physics	• College Alg		• Equipment Maintenance
		• Calculus		• Manufacturing Maintenance
				• Technology

HEALTH SCIENCE & HUMAN SERVICES

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Health Science and Human Services			
<p>Rock Ridge High School Health Science and Human Services Career Academy provides students with an immersive educational experience that prepares them for careers in healthcare, public service, and related fields. This academy integrates core academic subjects with specialized coursework and hands-on learning opportunities. Students explore areas such as nursing, emergency medicine, psychology, and social work, gaining foundational knowledge and practical skills. Through partnerships with local healthcare providers, government agencies, and community organizations, students engage in internships, job shadowing, and service-learning projects. Graduates of the program are equipped with the expertise and certifications to pursue post-secondary education or enter the workforce in a variety of rewarding and impactful careers.</p>			
<p>Sample Careers</p>			<p>Career Pathways</p>
<p>•Medicine - (Physician, PA, Pharmacy, etc.) •Laboratory/Radiology •Mortician/Funeral Director •Physical Therapy, Occupational Therapy, Exercise Physiology •Pre K-12 + Teacher •Educational Administrator •Librarian/Media Specialist •Mental Health Counselor/Psychologist •Sign-Language Interpreter/Speech Pathologist •Human Resources •Family/Community Services •Social Worker •Personal Care Assistant PCA •Personal Care (Cosmetology) •Correctional Officers •Police, Sheriff Patrol Officer, & Protective Services •Fire Fighter, EMT, & Paramedic •Natural Resource Officer •Lawyer, Paralegal, Legal Support</p>			
Required	Pathway Advanced Courses (Choose 6)		Capstone
• Career Exploration	• Chemistry	• Medical Terminology	• Senior Internship
	• Human Anatomy and Physiology I	• Intro to Healthcare Careers	• Capstone Project
	• Human Anatomy and Physiology II	• Emergency Med Response/BLS	• Individual Project approved by Administration
	• Biology/AP Biology	• Intro to Nursing Assistant / Home Health Aide	• Approved Employment
	• Psychology/AP Psychology	• Introduction to Teaching	
	• Child Development & Learning	• Microbiology	
	• Introduction to Communication	• Law & Criminal Justice	
	• Introduction to Physics	• Basic Life Support / CPR	
<p>1/8/2026 -WS</p>			<p style="text-align: center;">Human Services</p> <ul style="list-style-type: none"> • Personal, Family, & Community Services • Law, Public Safety, Corrections, & Security <p style="text-align: center;">Health Sciences</p> <ul style="list-style-type: none"> • Therapeutic, Diagnostic, Support Services Biotechnology Research & Development • Health Informatics & Administration <p style="text-align: center;">Education & Training</p> <ul style="list-style-type: none"> • Teaching and Training • Early Education & Child Development • Administrative & Professional Support

2026-27 COURSE OFFERINGS SUMMARY

BUSINESS & CAREER EDUCATION

03120	Career Exploration	9
02110A & B	Entrepreneurship A & B	11, 12
02100	Intro to Business	10, 11, 12
02300	Marketing Strategies	9, 10, 11, 12
02200	Personal Finance	10, 11, 12
02310	Sports and Entertainment Marketing	10, 11, 12
03050	Work Based Learning	11, 12

ENGLISH

05112	America Literature 1865 – Present (CIS)	11, 12
05504	American Perspectives	11, 12
05565	Authors and Authorship	11, 12
05810	The Art of Persuasion	11, 12
05405	College Composition I (CIS)	11, 12
05406	College Composition II (CIS)	11, 12
05924 A & B	English Concepts 10	10
05508	Intro to Short Story (CIS)	11, 12
05804	Introduction to Communication (CIS)	11, 12
05550 A & B	Journalism I A & B	11, 12
05552 A & B	Journalism II A & B	12
05502	Literary Studies	11, 12
05102 A & B	Literature & Communication A & B	9
05500	Media Studies	11, 12
05560	Writing and Communication	11, 12

FAMILY AND CONSUMER SCIENCE

06303	Foods & Nutrition	9, 10, 11, 12
06500	Apparel Design and Construction	9, 10, 11, 12
06310	Housing and Interior Design	9, 10, 11, 12
06300	Culinary Arts I	10, 11, 12
06400	Child Development and Learning (CIS)	10, 11, 12
06301	Culinary Arts II	11, 12
03202	Introduction to Teaching (CIS)	11, 12

FINE ARTS

01250	2-D Design	9, 10, 11, 12
01120	Adobe Photoshop & Digital Photo I	9, 10, 11, 12
01121	Adobe Photoshop & Digital Photo 2	9, 10, 11, 12
01550	Art Jewelry & Metals	9, 10, 11, 12
01500	Art Sculpture	9, 10, 11, 12
01600	Art Through Culture & History	9, 10, 11, 12
01105	Basic Ceramics (CIS)	11, 12
01200	Cartoon & Animation Basics	9, 10, 11, 12
01106	Ceramics & Pottery	9, 10, 11, 12
01125	Digital Photography (CIS)	11, 12
01102	Drawing	9, 10, 11, 12
01050	General Art	9, 10, 11, 12
01108	Individual Study in Studio Art	9, 10, 11, 12
01300	Marketing & Advertising w/ Visual Art	9, 10, 11, 12
01610	Music & Art Comparisons	9, 10, 11, 12
01104	Painting	9, 10, 11, 12
01110	Photography	9, 10, 11, 12
01570	Printmaking	9, 10, 11, 12
01560	Stained Glass & Mosaics	9, 10, 11, 12
01400	Videography	9, 10, 11, 12
01310	Web Design & Infographics	9, 10, 11, 12
01225	Wolverine Design	9, 10, 11, 12

HEALTH & HUMAN SERVICES

07102	Advanced Health Studies	10, 11, 12
07222	Basic Life Support / CPR (CIS)	10, 11, 12
07220	Emergency Med Responder / BLS (CIS)	10, 11, 12
07118	Introduction to Healthcare Careers	10, 11, 12
07205	Intro to Nursing Asst/Home Health Aide (CIS)	10, 11, 12
07125	Medical Terminology	10, 11, 12
07101	Personal Health Studies	9, 10

INDUSTRIAL TECHNOLOGY / VOCATIONAL

08210	Auto Maintenance	11, 12
08220	Auto Mechanics	11, 12
08120	Building Construction I	10, 11, 12
08122	Building Construction II	10, 11, 12
08720	Design & Construct I	9, 10, 11
08721	Design & Construct II	9, 10, 11
08131	Engineering I	10, 11, 12
08400	Home Maintenance	10, 11, 12
08710	iConstruct	10, 11, 12
08700	iDesign	10, 11, 12
08300	Intro to Millwright & Mining	10, 11, 12
08350	Intro to Machining & Manufacturing	10, 11, 12, 08160
	Robotics I	9, 10, 11, 12
08161	Robotics II	9, 10, 11, 12
08200	Small Engines	9, 10, 11, 12
08500	Welding I	10, 11, 12
08502	Welding II	10, 11, 12
08504	Welding III	11, 12
08100	Wood Technology I	10, 11, 12
08102	Wood Technology II	10, 11, 12

LEARNER PROGRAMS

16225 A & B	REACH A & B	9, 10, 11, 12
16370 A & B	Indigenous Education Leadership	9, 10, 11, 12

MATH

09650 A & B	Calculus A & B (CIS)	12
09240	College Algebra (CIS)	11, 12
09235 A & B	College Algebra Applications A & B	11, 12
09450	College Trigonometry (CIS)	11, 12
09310 A & B	Geometry A & B	10, 11, 12
09210 A & B	High School Algebra I A & B	9
09230 A & B	High School Algebra II A & B	10, 11, 12
09312 A & B	Honors Geometry A & B	9, 10, 11, 12
09232 A & B	Honors High School Algebra II A & B	10, 11, 12
09512	Probability & Statistics	11, 12

MUSIC COURSES

10505 A & B	9-12 Symphonic Band A & B	9, 10, 11, 12
10230 A & B	A Cappella Choir A & B	10, 11, 12
10200 A & B	Bel Canto A & B	9, 10, 11, 12
10220 A & B	Kantorei A & B	9, 10, 11, 12
10800 A & B	Senior High Orchestra A & B	9, 10, 11, 12

PHYSICAL EDUCATION

12142	Advanced Strength & Conditioning	10, 11, 12
12150	Coaching / Leadership	10, 11, 12
12108	Everyday Recreation 9 th	9
12105	General 9 th Phy Ed	9
12101	Mixed PE	10, 11, 12
12160	Outdoor Recreation	11, 12
12122	Racquet / Lifetime Sports	10, 11, 12
12125	Shape Up Fitness	10, 11, 12
12141	Strength & Conditioning	10, 11, 12
12110	Team Sports	10, 11, 12

SCIENCE

13202 A & B	AP Biology A & B	10, 11, 12
13200 A & B	Biology A & B	10, 11, 12
13410	Botany	11, 12
13105 A & B	Earth Science A & B	9, 10
13710	Environmental Science	11, 12
13312 A & B	Food Chemistry A & B	11, 12
13106 A & B	Honors Earth Science A & B	9
13604	Human Anatomy & Physiology I (CIS)	11, 12
13605	Human Anatomy & Physiology II (CIS)	11, 12
13550 AC & BC	Intro to Physics (CIS)	11, 12
13502 AC & BC	Intro to Chemistry (CIS)	11, 12
13502 AC & BC	Introduction to Chemistry I A & B (CIS)	11, 12
13255	Intro to Forensic Biology (CIS)	11, 12
13550 A & B	Intro to Physics A & B (CIS)	11, 12
13402	Zoology	11, 12

SOCIAL STUDIES

14252	American History to 1877 (CIS)	11, 12
14253	American History 1877 to Present (CIS)	11, 12
14302	AP Economics	12
14422 A & B	AP Psychology A & B	12
14307	AP US Government & Politics	12
14300	Economics	12
14305	Government	12
14101	Honors Social Studies Foundations 9	9
14201 A & B	Honors World History 10 A & B	10
14240 A & B	Introduction to Anishinaabe Studies A & B	9, 10, 11, 12
14400	Law & Criminal Justice	10, 11, 12
14222	Minnesota & Iron Range History	10, 11, 12
14100	Social Studies Foundations 9	9
14200 A & B	World History 10 A & B	10
14250 A & B	US History 11 A & B	11
14710	The World Wars	11, 12

WORLD LANGUAGE

18335 A & B	Anishinaabe Language I A & B	9, 10, 11, 12
18337 A & B	Anishinaabe Language II A & B	10, 11, 12
18200 A & B	German I A & B	9, 10, 11, 12
18225 A & B	German II A & B	10, 11, 12
18250 A & B	German III A & B	11, 12
18100 A & B	Spanish I A & B	9, 10, 11, 12
18125 A & B	Spanish II A & B	10, 11, 12
18150 A & B	Spanish III A & B	11, 12

NON-CREDIT BEARING

17000 A & B	Study Hall A & B	9, 10, 11, 12
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BUSINESS & CAREER EDUCATION COURSES

Unless otherwise noted these courses count as elective credits.

REQUIRED CAREER & INTERNSHIP COURSES

GRADE	GENERAL
9	Career Exploration

CAREER EXPLORATION

Course Number: 03120

Grade Level: 9

Credits: .5 Credit

Prerequisite: None

Note: **Required - Course will only be offered Semester One**

This is designed to provide students with an understanding of a variety of career clusters, as well as attributes and aptitudes needed in particular types of occupations. During the course, students will determine personal interests, investigate careers, evaluate career choices in relation to life goals and personal attributes, and explore different post-secondary education and training options and how to fund those choices. Students will also learn how to send professional emails, how to fill out applications, and how to write a resume.

ENTREPRENEURSHIP

Course Number: 02110A & 02110B



Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Students will be given the opportunity to learn the basics of running a business and making it successful. Part of the course takes place in the school store where students staff and run the store. Students will be given the opportunity to participate in an environment that encourages the entrepreneurial spirit using hands-on activities. Students will also learn the process behind creating and operating small businesses through developing and implementing their own business plans. Personal relations, selling, advertising, money management, and a host of other business-related areas will be covered. This class is for all students who have an interest in hands-on learning, and a desire to work in a highly motivating environment. Students are required to work in the store a minimum of one morning and one lunch shift per week.

This is two courses, but students must take it for the year and are required to register for both.

Students not selecting both will either be dropped and/or be forced into a section.

INTRO TO BUSINESS

Course Number: 02100



Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Amazon knows... Lululemon knows... Mark Zuckerberg knows... how to turn passion into profit! Uncover business secrets and learn the skills necessary to succeed in today's energetic business environment. This course will give you a taste of business cornerstones-marketing, entrepreneurship, finance, management, and more! Students will participate in hands-on activities and have the opportunity to put concepts and skills into practice. Get a taste of what it takes to become a professional!

MARKETING STRATEGIES

Course Number: 02300

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

If you want to find out how companies like Apple, Nike, and Coca-Cola generate excitement around their products, this class is for you. It will explore the activities involved in the foundations and functions of developing and promoting products, services, and ideas. The course is project oriented and will include an in-depth look into marketing and the "art of the sale." Marketing is a great exploration into the world of advertising and is an important step before entering post-secondary business or marketing programs. This course will prepare you to compete in DECA.



PERSONAL FINANCE

Course Number: 02200

Grade Level: 11

Credits: .5 Credit

Prerequisite: None

Note: This course satisfies the state ethics requirement.

How do I pay a bill? What types of bank accounts are there? What is insurance? Learn basic survival skills in managing your personal finances. This class will prepare students for life in understanding the practical skills of economics and personal finance. Students will learn basic money management skills by preparing a budget, maintaining bank accounts, and preparing tax forms. As consumers they will learn how to make responsible decisions regarding spending, savings, investing and using credit, which is crucial for young adults to understand prior to graduation. Other topics covered will be housing/mortgages, auto purchasing, and insurance.



SPORTS AND ENTERTAINMENT MARKETING

Course Number: 02310

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None, but priority will go to students who have taken Marketing Strategies

Step into the spotlight of one of the most exciting industries in the world! In Sports and Entertainment Marketing, you'll explore how marketing powers the games, concerts, movies, and events that capture millions of fans. From building superstar brands to creating unforgettable fan experiences, you'll learn what it takes to succeed behind the scenes of sports and entertainment.

Whether you dream of working for a major sports team, music label, streaming platform, or running your own event, this course gives you the skills to turn your passion for sports and entertainment into real-world opportunity.



WORK BASED LEARNING

Course Number: 03050

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: Career Explorations

The Work-Based Learning (WBL) course will provide students with opportunities to apply skills and knowledge within a professional work environment, in a field related to their career interests. Students interact with industry professionals to develop postsecondary and career readiness knowledge and skills. This course allows students to gain real-world work experience, develop problem solving skills and become familiar with the expectations of the workplace. Goals are set cooperatively by the student, teacher, employer and students. Grades are an important part of the Work-Based Learning program. Work experience gives the benefits of academic credit, employment contacts, on-the-job training, and enhanced resume. Enrollment in this course is subject to administration discretion and may be based on graduation requirements, need, ability, behaviors, attendance, or other administrative determination.

Recommendations and applications will be required prior to beginning the assignment.

ENGLISH COURSES

Rock Ridge School Board's Graduation Requirement policy requires that 4 years' equivalent (4 credits) of English Language courses are taken by students during their high school career.

REQUIRED ENGLISH COURSES

GRADE	GENERAL	ACCELERATED
9	Literature & Communication	
10	English Concepts 10	Honors Global and Intercultural Literature 10
11	Journalism I Professional Communication & Writing Authors and Authorship The Art of Persuasion Media Studies Literary Studies American Perspectives	Introduction to Communication (CIS) College Composition I (CIS) College Composition II (CIS) American Literature 1865 to Present (CIS) Intro to Short Story (CIS)
12	Journalism I Journalism II Professional Communication & Writing Authors and Authorship The Art of Persuasion Media Studies Literary Studies American Perspectives	Introduction to Communication (CIS) College Composition I (CIS) College Composition II (CIS) American Literature 1865 to Present (CIS) Intro to Short Story (CIS)

AMERICAN LITERATURE: 1865 TO PRESENT (CIS)

Course Number: 05112

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

A survey of the writings of American authors from 1865 to the present, American Literature 1865 through the present places special emphasis on literary works whose authors represent the cultural diversity of American society. Special attention is given to writers not historically represented in the literary canon, including female, Native-American, African American, and immigrant authors. Readings include stories, plays, and poems within the context of United States' history, keeping a close eye on unequal power relations between groups as well as the ethnic, regional, and cultural diversity of American society.

Students taking this course for college credit will receive .75 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in ENGL 2222.

This course is not offered in 26-27, but it may be offered again in 27-28.



AMERICAN PERSPECTIVES

Course Number: 05504

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Explore the complexities of right and wrong by delving into how authors use storytelling to grapple with ethical dilemmas, moral ambiguity, and the consequences of human choice. Emphasis is placed on introspection, connection to the world around you, and understanding others' motivations and viewpoints. Learners will read a diverse selection of nonfiction and literary works, examining how real-life people and characters deal with conflict, societal values, themes, and personal beliefs through discussion, analysis, writing, reading, and projects based on their career academy.

This course is not offered in 26-27, but it may be offered again in 27-28.

AUTHORS AND AUTHORSHIP

Course Number: 05565

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Authors and Authorship explores the art of storytelling through in-depth study of novel(s), examining how writers craft compelling narratives, develop memorable characters, and explore universal themes. Learners will have options to choose from novel(s) that reflect their career academy of choice to read and analyze while exploring the techniques and intentions of the author while also considering their own interpretations and responses as readers. Learners will also embark on their own creative writing journey, experimenting with various genres and styles to find their unique voice and perspective.

COLLEGE COMPOSITION I (CIS)

Course Number: 05405

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

This course introduces students to the principles of writing. Students will practice techniques of academic writing and construct formal essays, using the writing process. Students will become comfortable responding to and responsibly incorporating outside information and ideas. Upon completion of this course, students will be cognizant of various approaches and organizational methods related to effective communication.

Students taking this course for college credit will receive 1 high school credit instead of .5.

Students may earn 4 college credits through Minnesota North College in ENGL 1231.



COLLEGE COMPOSITION II (CIS)

Course Number: 05406

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility and College Composition I

Students in this advanced freshman-level composition course will focus on the basic principles of argument and the ability to apply those principles in written argument. Basic concepts of reasoning, critical thinking, and problem solving are introduced and included in a variety of argument papers. In addition, students will learn to conduct thorough and meaningful research and to present the results of such research in a formal research paper that employs a standard documentation style in the presentation of sources. Essay topics will be derived from current social and ethical issues.

Students taking this course for college credit will receive .75 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in ENGL 1232.



ENGLISH CONCEPTS 10

Course Number: 05924

Grade Level: 10

Credits: 1 Credit

Prerequisite: None

English Concepts 10 is a course designed for learners to explore the ideas of the three academies through traditional English standards. Learners will read, discuss, and respond to fictional and nonfictional works. They will work on projects, writing tasks, and presentations. Learners will also continue to build their critical thinking, collaboration, and communication skills.

HONORS GLOBAL AND INTERCULTURAL LITERATURE

Course Number: 05205A & 05205B

Grade Level: 10

Credits: 1 Credit

Prerequisite: None

NOTE: This course is designed to prepare students for more rigorous College in the Schools (CIS) classes.

Get ready to expand your worldview and explore ideas and literature from a variety of cultures around the world. Though the standard skills of reading and writing will be the foundation in this course, learners will also be expected to expand their discussion, creative problem solving, and presentation skills through collaborative projects. Learners will practice more formal writing forms and practices geared to prepare them for college writing expectations. They will also independently read more complex and advanced literature in order to extend their learning beyond the classroom setting.

INTRODUCTION TO COMMUNICATIONS



Course Number: 05804

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

Introduction to Communication helps the student become a more efficient communicator in interpersonal and presentation situations. Students will explore the basic elements of interpersonal communication and public speaking. Interpersonal components include critical thinking, self-concept, perception, listening, verbal and nonverbal expression, relationships, and conflict management. Learners will also explore the role of responding and critical thinking in group projects. Public speaking components include topic selection, research, organization, audience analysis, delivery, and critical listening. Learners will write and present various types of speeches using appropriate materials and communication choices for specific audiences. Lastly, learners can expect to develop self-confidence in their ability to communicate in the classroom, in public, and in the professional world.

Students taking this sequence for college credit will receive .75 high school credit.

Students may earn 3 college credits through Minnesota North College in COMM 1210.

INTRODUCTION TO SHORT STORIES



Course Number: 05508

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

Introduction to Short Stories focuses on reading, discussion, and written analysis of short stories in order to develop 1) skill in literary analysis and 2) familiarity with the conventions of the short story. Readings will include a variety of authors including key figures in the development of the form, as well as contemporary voices poised to influence the future of the genre.

Students taking this sequence for college credit will receive .75 high school credit.

Students may earn 3 college credits through Minnesota North College in ENGL 1205.

This course is not offered in 26-27, but it will be offered again in 27-28.

JOURNALISM I

Course Number: 05550A & 0550B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: None

NOTE: Enrollment in this course is subject to review by instructors and administration.

This is a yearlong course in which you will take part in project-based learning. In this course, you will learn the basics of journalism including researching, interviewing, photojournalism, marketing, editing, creative problem solving, copywriting, page design, and more. You will be a part of a collaborative publishing team that creates the Yearbook, the Rock Ridge Rundown, our school's live news broadcast.

JOURNALISM II

Course Number: 05552A & 05552B

Grade Level: 12

Credits: 1 Credit

NOTE: Enrollment in this course is subject to review by instructors and administration

This is a yearlong course in which you will take part in project-based learning. In this course, you take a leadership role in class as an editor for the yearbook, Rock Ridge Rundown, and /or Senior Booklet. You will be a part of a collaborative editorial team that plans, edits, revises, and makes final decisions in creating these publications. As a leader of the publication team, you will be expected to demonstrate leadership skills including but not limited to decisive decision making, integrity, team building, problem solving, reliability, as well as the ability to teach and/or mentor.

LITERATURE & COMMUNICATION

Course Number: 05102A & 05102B

Grade Level: 9

Credits: 1 Credit

Note: Required for all 9th graders

The focus of this ELA course is developing skills in the areas of reading, writing, and speaking through various types of literature, including short stories, novels, and nonfiction text. Students will explore several genres and work to strengthen their reading skills and develop their vocabulary. They will make connections among ideas and between texts and consider a wide range of textual evidence. Students will develop writing skills in areas including persuasion, explanatory texts, and narratives, along with reflection to make connections to literature and to reflect on personal experiences. A strong emphasis is placed on practicing public and professional speaking.

LITERARY STUDIES

Course Number: 05502

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

In this class, learners will explore major literary genres such as fiction, poetry, and drama by representing ethnically diverse authors and literature from around the globe. Students will participate in reading, writing, and speaking activities and projects to analyze literary forms, themes, styles, and perspectives that adhere to their career academy.

This course is not offered in 26-27, but it may be offered again in 27-28.

MEDIA STUDIES

Course Number: 05500

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Turn off that YouTube, take out those earbuds, put down your cell phone, and join this class for a unique learning experience. As our world becomes increasingly "plugged in," we are exposed to a greater variety of media in its ever-expanding forms. In this class you will improve your media literacy skills by examining the effects media has on us as individuals and as a society. We will closely analyze various forms of audio, print, photographic, broadcast, cinematic, and digital media in order to evaluate how its institutions both inform and persuade their audiences. Through reading and writing practices, big questions will be raised and discussed about the importance and ethics of media as it works to both connect and divide us. We will work collaboratively and creatively to produce media that effectively communicates ideas and meets the demands of the ever-changing professional world.

This course is not offered in 26-27, but it may be offered again in 27-28.

THE ART OF PERSUASION

Course Number: 05810

Grade Level: 11-12

Credits: .5 Credit (Elective Credit)

This course is designed to give learners a more in depth understanding of the similarities between marketing and persuasion. Learners will explore the principles of persuasion through units such as persuasive rhetoric and argumentation, marketing and audience analysis, sales and public relations, social media promotions and ethical communication, creating campaigns and communication fallacies. Students will work individually and collaboratively to complete projects for each unit using skills related to both business and English.

WRITING AND COMMUNICATION

Course Number: 05560

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Note: Students intending to pursue NCAA athletics are advised against enrolling in this course as it does not count for NCAA eligibility if the student has already earned credit in Literature and Communication.

In this class learners will cover the topics of career and professional writing and interpersonal communication skills. This class will build upon the critical and creative thinking, collaboration, and communication skills learned in English Concepts 10. Learners will read, discuss, and respond to nonfiction as well as work on projects, writing tasks, and presentations that adhere to their career academy.

FAMILY & CONSUMER SCIENCE COURSES

Unless otherwise noted these courses count as elective credits.

APPAREL DESIGN AND CONSTRUCTION



Course Number: 06500

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course is for students who would like to develop sewing skills while exploring the textile industry and related career opportunities. Students will study the history of textiles and fashion, along with technology relating to textile science. They will study the color wheel, and principles and elements of design. Students will practice basic and maybe some advanced sewing skills and construct a project using a pattern. This is a project-based class and participation is essential.

Not offered in 26-27 but may return in 27-28.

CULINARY ARTS I



Course Number: 06300

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: Foods and Nutrition or Instructor Approval

This course is designed to prepare students for a career in the food service industry. Topics of study include an overview of the components of the restaurant and foodservice industry, creating safe and sanitary working conditions, culinary food preparation techniques, cooking and baking skills, kitchen management, and professionalism. Students will take the ServSafe Food Handler exam to earn a Food Handler Certificate valued by restaurants and food service businesses. Full participation in labs, including cleaning is required.

CULINARY ARTS II



Course Number: 06301

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: Culinary Arts I

This course is designed to prepare students for a career in the food service industry. Students will not only build on the food preparation techniques and skills learned in Culinary Arts I but will also take a more in-depth look at the business aspects of management in the food service industry by examining marketing techniques, menu management, operational costs as well as other operational concerns. Experience in catering and competitions may also be a part of this course. Students will have the opportunity to take the ServSafe Food Manager's test at the end of this course to earn an industry recognized certification. Full participation in labs, including cleaning is required.

CHILD DEVELOPMENT AND LEARNING (CIS)



Course Number: 06400

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

Do you like children? Are you thinking about a career involving children such as teaching, childcare, social work, law enforcement, or anything in the medical field? Do you hope to be a parent in the future? If so, this is the class for you. Not only will you learn about children, but you will work directly with children in the classroom. (Instructor and administration approval may be required). This course explores the developmental stages of children, prenatal through age eight. Developmentally appropriate practices as they relate to the social-emotional, communication, motor, and cognitive domains are taught. Students are introduced to sociocultural, cognitive, psychosocial, psychosexual, attachment and behavioral child development theories and salient theorists. Strategies for developing, maintaining, and sustaining culturally responsive partnerships between teachers, children, and families are addressed.

Students taking this course for college credit will receive .75 high school credit instead of .5. Students may earn 3 college credits through Minnesota North College in ECED 1202 Child Development and Learning. To earn college credits, a student must pass this course with a grade of C or higher.

FOODS AND NUTRITION

Course Number: 06303

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None



In this course students will practice various cooking techniques while examining the nutritional needs of an individual. Food trends and lifestyle options such as vegetarian diets, convenience foods, food intolerances and how these issues relate to the nutrient needs of an individual will also be discussed. Food lab experiences will align to course content and enhance learning of food preparation techniques. Full participation in labs, including cleaning is required. Students will explore careers related to nutrition and food preparation and service.

HOUSING AND INTERIOR DESIGN

Course Number: 06310

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None



This class is designed to help the student learn to make wise housing choices and study consumer rights and responsibilities. They will learn about principles relating to the color wheel, and principles and elements of design and their application to building interior and exterior spaces. They will study housing styles, floor plans, room and furniture arrangement and selection: and will use these skills to plan a number of interior and exterior spaces. Students will also spend time exploring careers in housing (architect, landscaper, interior designer, etc.)

Offering in 2026-2027 is to be determined.

INTRODUCTION TO TEACHING (CIS)

Course Number: 03202

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: CIS Eligibility



Note: Enrollment in this course is subject to instructors and administration.

Introduction to Teaching provides the support of a cohort as students learn introductory education topics such as classroom management, standards, lesson planning, professionalism, the effect of poverty on learning, and how to earn a teaching degree. The course will prepare students for a hands-on, independent field experience in a local classroom. Students will read and discuss current critical issues in education while connecting content to the five propositions from the National Board for Professional Teaching Standards. This course will incorporate Ojibwe culture and history, and students will learn the importance of cultural competency in the classroom. As a cohort students will visit local schools and volunteer in the community.

Students taking this course for college credit will receive .75 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in EDUC 1101.

To earn college credits, a student must pass this course with a grade of C or higher.

FINE ART COURSES

Rock Ridge School Board's Graduation Requirement policy requires that 1 credit of Fine Art courses are taken by students during their high school career.

REQUIRED ART COURSES

GRADE	GENERAL
9-12	1.0 Credits in any Fine Art courses

2-D DESIGN

Course Number: 01250

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

2-D Design is a studio based and project orientated class exploring different media areas of 2-Dimensional design. The emphasis of this course is to expose students to 2-D Art mediums and to build their creative skills through the Elements of Art and Principles of Design. This course is beneficial for students interested in Design, Fabrication, Marketing, or Advertising.



ADOBE PHOTOSHOP & DIGITAL PHOTO 1

Course Number: 01120

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

Discover digital photography! Students will employ photo composition and a variety of photo editing techniques. In addition, students will scan, find online digital images, and learn graphic design basics with the use of Adobe Photoshop. All lessons will be designed to stimulate inquiry, creativity, and higher order thinking.



ADOBE PHOTOSHOP & DIGITAL PHOTO 2

Course Number: 01121

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: Adobe Photoshop & Digital Photo 1

An extension to Adobe Photoshop 1, this course employs photo composition, and a variety of photo editing techniques. In addition, students will scan, find online digital images, and learn graphic design basics with the use of Adobe Photoshop. All lessons will be designed to stimulate inquiry, creativity, and higher order thinking.



ART JEWELRY & METALS

Course Number: 01550

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course is designed to introduce students to metal/jewelry design as an art form. It is an introduction to the basic techniques necessary for the design and fabrication of jewelry and small three-dimensional forms. Students will utilize basic metal construction processes—sawing, filing, soldering, finishing, and casting, as well as, piercing, soldering, surface texturing, polishing, and forming to complete.



ART SCULPTURE

Course Number: 01500

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course provides a comprehensive study in methods of sculpture. Students explore three-dimensional design while developing both useful and sculptural forms. Creativity and quality craftsmanship are emphasized.



ART THROUGH CULTURE & HISTORY

Course Number: 01600

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

Note: This class is best if taken in conjunction with a history class but not required.

Students will explore the connections between Art and History and learn how artists respond to specific eras. The social, environmental, and cultural nuances of society often affect the style, subjects and mediums artists use and students will create art in specific styles that correspond to the era being studied.



BASIC CERAMICS (CIS)

Course Number: 01105

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

This is an introductory course exploring the historical, technical, and aesthetic concepts of the ceramic arts. Students will use a variety of techniques to create functional and expressive works of ceramic art. Students will develop an aesthetic language and learn to create and discuss ceramic art.

Students taking this course for college credit will receive .75 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in ART 1360.



CARTOON AND ANIMATION BASICS

Course Number: 01200

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course will cover the foundations of animating cartoons. Adobe Animation is the computer program used for this course. Students will discover the history, methods, and underlying concepts of creating cartoons, using motion in art, and developing original characters.



CERAMICS AND POTTERY

Course Number: 01106

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This class will allow students to develop skills required to create pottery. Students will create several functional pieces (i.e. coffee cups, bowls, etc.) as well as non-functional (sculptural) pieces of artwork. Building methods will include the pottery wheel and hand building techniques.



DIGITAL PHOTOGRAPHY (CIS)

Course Number: 01125

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

Digital photography is an introductory course focusing on camera operation, image composition and design, editing and digital manipulation. In addition to classroom instruction, students are required to independently capture specific subject matter on location.

Students taking this course for college credit will receive .75 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in ART 1346.



DRAWING

Course Number: 01102

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This class emphasizes drawing techniques and personal style in various mediums such as color pencil, charcoal, graphite, and ink. This is a great foundational course for students interested in computer arts such as graphic design.



GENERAL ART

Course Number: 01050

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This semester course offers students a chance to work with various mediums such as drawing materials, paint, and sculpture materials.



INDIVIDUAL STUDY IN STUDIO ART

Course Number: 01108

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: Prior 9-12 Art Credits & Instructor Approval

Individual study in studio art was created for students who hope to pursue a career in the field of visual arts, this course will help students develop a portfolio of work. Guided by the instructor, students will have the opportunity to select the mediums they want to work with and make decisions regarding the content and meaning of their projects.



MARKETING & ADVERTISING WITH VISUAL ART

Course Number: 01300

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

In Marketing and Advertising with Visual Art, students develop aesthetic criteria to create and apply the principles of design to the field of advertising design. The student will use traditional media and computer hardware, software and supporting technologies to communicate ideas visually.

Students' use a variety of media to explore concepts and techniques, from the academic and structured to the experimental and nontraditional.

Career opportunities in the arts and arts-related fields will be explored.



MUSIC & ART COMPARISONS

Course Number: 01610

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

Note: This class is best taken with a music class but can be taken alone for visual art credit.

Students will explore the similarities and differences in specific styles of art and music and create art in the style studied. Art will include a choice of different mediums, such as paint, color pencil, pastels, etc. Analysis of music and art within various cultures and time periods will be covered in this class. This class is great for sociology, history buffs and music majors who want to explore how art and music is affected by social, cultural, political, and environmental factors within an era.



PAINTING

Course Number: 01104

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This class allows students the opportunity to try different methods of painting in watercolor, tempera, and acrylic paint. Various painting styles and themes will be explored through looking at historical examples and present-day artist's works while painting your own art.



PHOTOGRAPHY

Course Number: 01110

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This class emphasizes the basics of photography and photo editing techniques. This course is a great introduction for students interested in creative arts career paths.



PRINTMAKING

Course Number: 01570

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course introduces students to the production of multiple images from a single design. Emphasis is on design and creative use of the materials and techniques of the relief, monoprint, and silkscreen printing processes.



STAINED GLASS & MOSAICS

Course Number: 01560

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

Stained glass & mosaics is a class that allows students to investigate the medium of stained glass and mosaics. Students will develop skills to work with and manipulate glass, as well as create several works of art using glass in various forms.



VIDEOGRAPHY

Course Number: 01400

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course will introduce students to video camera operation, camera stabilization techniques, lighting, scripts and storyboarding, digital imaging, motion graphics software, and importing/exporting graphics, movies, animations and sound effects into, or out of video editing software.



WEB DESIGN & INFOGRAPHICS

Course Number: 01310

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

This course covers the visual aspects of web page design, and students will learn about color symbolism, lettering style and images that affect the subconscious of viewers. Students will learn to explore visual means of marketing that increase sales and interest and use these to develop professional quality pages.



WOLVERINE DESIGN

Course Number: 01225

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

In this course, students will partner with school groups, clubs, and sports teams to develop eye-catching visuals and graphics. This work could be in the form of designs for clothing, posters, social media posts, or short videos. Students who take this course should expect their work to be displayed on clothing, posters, and banners, on display screens around the school, at sporting events, and on social media.



HEALTH & HUMAN SERVICES COURSES

REQUIRED HEALTH COURSES

GRADE	GENERAL
9	Personal Health Studies

Rock Ridge School Board's Graduation Requirement policy requires that .5 credit of Health courses are taken by students during their high school career.

ADVANCED HEALTH STUDIES

Course Number: 07102

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Personal Health Studies

The goal of this course is to help young people make healthy decisions throughout their lifetime that will assist them in achieving a balance of physical, mental, emotional and social health. The course involves in-depth study of the prevention and control of disease, environmental health, consumer health, nutrition, mental health, stress management, and the prevention of the abuse of alcohol and other drugs.



BASIC LIFE SUPPORT / CPR (CIS)

Course Number: 07222

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Must be taken with EMR Course

The American Heart Association (AHA) Basic Life Support (BLS) for the Healthcare Provider course is designed to train participants going into or currently working in healthcare related fields on recognizing and responding to various life-threatening emergencies. Skills integral to this course include both individual demonstration and team collaboration of CPR for adults, children, and infants using an AED, BVM, and relieving choking in a safe, timely and effective manner. There are no prerequisites or requirements for this course, and anyone may participate to learn the life-saving skills of CPR. This course fulfills the requirements for health care programs such as Nursing as well as other programs that require work in outdoor/wilderness settings. Participants who successfully complete course requirements and complete the AHA written exam and skills competencies according to AHA policies and procedures will be issued a Basic Life Support for Healthcare Providers certification card that is valid for two years.

Students taking this course for college credit will receive .25 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in ALHE 1400.



EMERGENCY MEDICAL RESPONDER (CIS)

Course Number: 07220

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Must be taken with BLS/CPR Course

The Emergency Medical Responder course educates participants to be a part of the nation's Emergency Medical System. Using National EMS Education Standards, this course provides students the knowledge and skills training required by the Emergency Medical Responder (EMR). The EMR course is designed to train volunteers and professionals to assess and provide emergency care to patients with trauma, medical and environmental emergencies in the field of emergency medicine. The primary focus of the EMR is to initiate immediate lifesaving care to critical patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional EMS response and to assist higher level personnel at the scene and during transport. EMR's function as part of a comprehensive EMS response, under medical oversight. EMRs perform basic interventions with minimal equipment.

Students taking this course for college credit will receive .75 high school credit instead of .5.

Students may earn 3 college credits through Minnesota North College in EMSV 1400.



INTRODUCTION TO HEALTHCARE CAREERS

Course Number: 07118

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Introduction to Healthcare Careers offers students and exploration of the various career opportunities within the healthcare industry, provides basic knowledge and involves healthcare related hands-on activities. Students will receive exposure to several medical/health science careers, career planning, employability skills, basic terminology and skills, ethics, wellness, disease and safety. Students will engage with a variety of professionals within the healthcare professions along with opportunities for off-campus tours and job shadowing.



INTRODUCTION TO NURSING ASSISTANT / HOME HEALTH AIDE (CIS)

Course Number: 07205

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

This course prepares students for jobs in a variety of health care settings such as hospitals, clinics, long-term care, semi-independent living facilities, residential group homes and home care agencies. The units of instruction include maintaining a safe and clean environment, communication information, meeting basic needs, providing personal care including activity and exercise, assisting with nutrition and eliminations needs, and caring for a client with special equipment and/or procedures. The course teaches the student to perform these skills in a variety of healthcare settings. In-classroom instruction is provided with hands-on skill learning. Supervised Practical Training/Clinicals in a healthcare facility will be incorporated. *The focus of this course supports beginning knowledge and skills of basic nursing care which will prepare the individual to become a competent healthcare worker and gain knowledge needed to pass the Nursing Assistant Certification Exam.*

Students taking this course for college credit will receive 1 high school credit instead of .5.

Students may earn 4 college credits through Minnesota North College in NAHA 1100.



MEDICAL TERMINOLOGY

Course Number: 07125

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

A great pre-requisite course for anyone interested in Health Sciences. It is recommended that this course is taken prior to Human Anatomy. The topics covered in this course will help students develop fluency in specialized medical language of the human body and health. Topics include terminology for the human body and pathological conditions. Terms will focus on the body systems of lymphatic, musculoskeletal, nervous, reproductive, respiratory, and urinary systems. Labs will correlate to the terminology unit.

Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes, and suffixes. The study focuses on correct pronunciation, spelling, and use of medical terms. Anatomy, physiology, and pathology of disease are discussed.



PERSONAL HEALTH STUDIES

Course Number: 07101

Grade Level: 9-10

Credits: .5 Credit

Prerequisite: None

Note: **Required**

This course covers topics including personal health and fitness, nutrition, mental health and management, infectious and noninfectious diseases, drugs in our society, safety and emergency care, environmental health, and digital citizenship. We will be building skills in the area of decision-making, goal setting, building self-esteem, communication/refusal skills, and conflict resolution.



INDUSTRIAL TECHNOLOGY / VOCATIONAL COURSES

Unless otherwise noted these courses count as elective credits.

AUTO MAINTENANCE

Course Number: 08210

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

This course provides students with the knowledge to make economic decisions and take preventative measures to enhance the overall satisfaction of being a vehicle owner. The class discussions and lab activities provide the fundamental knowledge and experience in owning and maintaining an automobile. Students will use basic hand, power, and lifting tools to perform maintenance on vehicles. Changing oil and filters, tire rotation, minor electrical repairs, exterior car maintenance and other related tasks are experienced.



AUTO MECHANICS I

Course Number: 08220

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: Auto Maintenance

This course is the study of the operation and repair of the automobile. A systematic approach will be used to disassemble, measure, diagnose, and reassemble automobiles and some small engines. Live shop work will be used as much as time permits. The year will be broken down into units, beginning with orientation & safety, progressing through engine principles, general automotive servicing, tool identification/use, followed by more advanced areas.



BUILDING CONSTRUCTION I

Course Number: 08120

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Note: Preference of enrollment will be given to students in grades 11-12 with instructor approval.

Building Construction I is a hands-on course where students will take part in various building projects, either on-site or off-site. Possible projects could include the mass production of ice houses, sheds, or saunas. Students may also work with the cities of Eveleth and Virginia on community projects such as constructing storage buildings or warming houses. In addition, there may be opportunities to work on projects around the Rock Ridge campus, including building garages and completing remodeling work. Students will gain practical experience in construction while exploring careers in carpentry and related trades. Instruction emphasizes math, blueprint reading, estimating, materials of construction, tools and equipment, principles of carpentry, and safety.

It is *recommended—but not required*—that students take **Building Construction I** and **Building Construction II** during the same school year.



BUILDING CONSTRUCTION II

Course Number: 08120

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Building Construction I

Note: Preference of enrollment will be given to students in grades 11-12 with instructor approval.

Building Construction II is a continuation of Building Construction I, designed to further develop students' knowledge and hands-on skills in the building trades industry. Students will gain deeper experience in areas such as the installation of windows, doors, exterior walls and siding, plumbing, electrical systems, heating, insulation, interior walls, drywall, ceiling materials, flooring, and painting. This course builds on foundational construction principles and provides students with the essential skills needed to become proficient and career-ready in the skilled trades.

It is *recommended—but not required*—that students take Building Construction I and Building Construction II during the same school year.



DESIGN AND CONSTRUCT I

Course Number: 08720

Grade Level: 9-11

Credits: .5 Credit

Prerequisite: None

In this class students will continue to explore the field of Industrial Technology while focusing on Engineering and Design. An Introduction to Basic Drafting, 3D Design, 3D Modeling, 3D Printing, Laser Engraving, and Vinyl Cutting will be the emphasis for Design & Construct I. It is recommended but not required to take Design & Construct II during the same school year. (Course previously named Industrial Technology I)



DESIGN AND CONSTRUCT II

Course Number: 08721

Grade Level: 9-11

Credits: .5 Credit

Prerequisite: Design and Construct I

In Design and Construct II students will continue to explore the field of Industrial Technology by constructing projects previously designed in Design and Construct I. Design and Construct II will cover Shop Safety, Woodworking, Finishing Techniques, using CNC routers and laser engravers. Students will make use of their newly developed design skills to personalize the projects that they construct. This is a hands-on class where the students will enjoy working in a high-tech shop setting. (Course previously named Industrial Technology II)



ENGINEERING I

Course Number: 08131

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

This course will provide students opportunities to explore engineering career opportunities and experiences as they solve engaging and challenging real-world problems. Students apply technological processes to solve real engineering problems; develop the knowledge and skills to design, modify, use, and apply technology; and may also design and build prototypes and working models. Topics covered in the course include the nature of technology, use of technology, and engineering design processes



ENGINEERING II

Course Number: 08132

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

This course introduces the fundamentals of graphical communication for design and manufacturing. This course is intended to help students develop general drafting skills and learn about different types of drawings that are used in the Engineering and Architectural fields. Students will learn how to create multi-view, isometric, oblique, and perspective drawings. Students will also make use of 3D CAD Design Software called SolidWorks to create basic 3D geometry construction, drawings, and assemblies. In addition to using SolidWorks students will use the 3D printers for rapid prototyping of our designs.

This course is not offered in 26-27, it may be offered again in 27-28.



HOME MAINTENANCE

Course Number: 08400

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

The Home Maintenance course is designed to give students a basic understanding of home maintenance and repair. Consisting of, but not limited to: concrete, electrical, plumbing, carpentry, roofing, drywall, painting techniques, tile installation, wall coverings, and landscaping. In addition to home repair, this class will cover many different areas of everyday life. Each student will complete hands-on activities using the skills and tools necessary for home repairs and improvements. This is a life-long skill class.



iCONSTRUCT

Course Number: 08710

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None



This course will allow students to study the physical and chemical properties of woods and composites made from woods and to use these materials to construct usable products according to industry standards. This course will enable students to experience the process of translating an idea into a finished product, with instruction in planning, designing, selecting materials, using tools and machines, and employing quality control practices. The focus of these projects will relate to residential construction framing. Projects could include fish houses, deer stands, dog houses, storage sheds, etc. students building a project for themselves will be responsible for supplying their own materials.

iDESIGN

Course Number: 08700

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None



iDesign will allow one's imagination and creativity to turn into reality. Students will use high-tech computer-controlled equipment such as laser engravers, vinyl cutters, and rapid prototyping machines. Students will create projects such as: multicolor decals, custom printed t-shirts, personalized picture frames, LED signs, etched mirrors, selfie bobbleheads, etched sports mugs, personalized flower vases, drink coasters and a cutting board. Pretty much anything custom you see on Pinterest you can create in this class. Students will design and create several different projects in a clean lab environment. Once students are familiar with the software and equipment, they will have the opportunity to design and create projects of their choice.

INTRO TO MILLWRIGHT & MINING

Course Number: 08300

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Note: Students registering for this course **MUST** also register for Intro to Machining & Manufacturing

Have you ever wondered what a Millwright is and what they do? This course gives you the opportunity to learn and explore what Millwrights do for their jobs. This includes instruction and experiences in mechanics, hydraulics, principles of operation, maintenance and repair, use of measurement and analysis tools, disassembly and reassembly of machinery, safety and career opportunities, plant tours, and much more. Students will learn about how to apply the keys to success in industry that include safety, continuous learning, positive attitude, reliable attendance, teamwork, and a positive work ethic.

This course is not offered in 26-27 but may be offered again in 27-28.



INTRO TO MACHINING & MANUFACTURING

Course Number: 08350

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Intro to Millwright & Mining

Note: Students registering for this course **MUST** also register for Intro to Millwright & Mining

Machining is the Industrial art of shaping materials to create almost anything you can imagine. In this course you will be introduced into equipment such as mills, lathes, drill presses, cnc routers, and cnc mills. You will also learn about how CAD and design relate to machining. After learning how the equipment works students will build a project to show knowledge of the equipment. This course must be taken with Intro to Millwright and Mining.

This course is not offered in 26-27 but may be offered again in 27-28.



ROBOTICS I

Course Number: 08160

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None



This course introduces the fundamental concepts of robotics using VEX Robotics. Topics include how robots move, sense, and perceive the world around them. Students will construct and program robots in laboratory sessions. Robots perform tasks that are too repetitive, too dirty, or too dangerous for humans. Robots can entertain us, clean our houses, build our cars, fight our wars, and perform surgery on our bodies. No previous computer programming or electronics experience is necessary. It is recommended to register for Robotics I and II in the same year but not required.

This course is not offered in 26-27 but may be offered again in 27-28.

ROBOTICS II

Course Number: 08161

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: Robotics I

Robotics takes a problem solver and engineer to perform tasks that are too repetitive, too dirty, or too dangerous for humans. This class helps students learn about robotics by building, programming, and designing robots. Students will construct and program robots in a shop environment. It is recommended to register for Robotics I and II in the same year but not required.

This course is not offered in 26-27 but may be offered again in 27-28.



SMALL ENGINES

Course Number: 08200

Grade Level: 9-12

Credits: .5 Credit

Prerequisite: None

Small Engines is an introductory course on two and four stroke cycle engines. This course familiarizes students with the use of hand tools and small engines. Units of study include engine parts, systems, and operation of the small engine. Lab orientation emphasizes safety, maintenance, troubleshooting, and organization while allowing the student to disassemble and reassemble small engines. Students learn how to communicate on a technical level, properly use tools, gauges, and precision measuring devices. This course is highly recommended for students interested in engineering, designing, motor sports, and auto technology.



WELDING I

Course Number: 08500

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Intro to welding offers students the opportunity to learn about the welding and cutting processes. Students will be introduced to Oxy-Acetylene Welding, Arc Welding, Wire Feed Welding, CNC Plasma Cutting and Plasma Cutting. Students will also have the opportunity to use these skills to create several different projects of choice.



WELDING II

Course Number: 08502

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Welding I

This course offers intermediate level training in Torch Cutting, Horizontal and Vertical Welding. Welding processes include Shielded Metal Arc Welding ("Stick"), Oxy-Acetylene Cutting, Gas Metal Arc Welding ("Wire Feed"), Plasma Arc Cutting, Gas Tungsten Arc Welding (TIG), CNC Plasma Cutting and Welding Safety. Students will complete an assigned metals project.



WELDING III

Course Number: 08504

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Welding II

This course offers advanced welding training. Welding processes include Overhead Welding, Shielded Metal Arc Welding ("Stick"), Gas Metal Arc Welding ("Wire Feed"), Gas Tungsten Arc Welding (TIG), FCAW and Aluminum Welding. Plasma Arc Cutting and CNC Plasma operation will also be introduced in this course. Welding III will give students the opportunity to design and create projects of choice or be part of a class project. Examples of choice projects could include snowmobile/ATV accessories, signs, art sculptures, sporting, hunting or fishing accessories and more! examples of class projects could include a utility trailer, drop down fish house frame or a mobile BBQ grill. This class could lead to future career paths which could include Welder, Millwright, Independent Owner Welding/ Fabricating Shop or Computer-Aided Manufacturing. -



WOOD TECHNOLOGY I

Course Number: 08100

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Wood Technology I is a course focusing on the practice of woodworking and design. Students will learn about the wood industry, joinery, and gain advanced woodworking skills by building a cabinet or a piece of furniture. Students will construct their project from the design stage to the finished product. Students will use various machines with a strong emphasis on safety. A majority of this course will be hands-on work in the construction lab.



WOOD TECHNOLOGY II

Course Number: 08102

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Wood Technology I

Wood Technology II is a course focusing on the practice of woodworking and design. Each student will have the opportunity to learn the processes involved in designing, creating, and producing a finished product. Students will use various machines with a strong emphasis on safety. Additionally, students will be learning the skills needed to design a project using computer aided design software and CNC programming. A majority of this course will be hands-on work in the construction lab. Project examples include entertainment centers, coffee tables, gun cabinets, dressers, curio cabinets and display cabinets. Students building a project for themselves will be responsible for supplying their own materials.



LEARNER PROGRAMS

Unless otherwise noted these courses count as elective credits.

REACH A & B

Course Number: 16225A & 16225B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: None

Relationships, **E**ducation, **A**ccountability, **C**haracter, **H**ard work

If you are a student that is interested in improving yourself and learning some healthy strategies for life, REACH is a class that can help you do that!

REACH is a for-credit elective class, and students are graded on in-class assignments, class participation, self-reflection, and a willingness to work toward achieving their goals. Dedication to growth is required.

REACH class is a positive, structured learning environment. It's a judgment-free and safe place for students to belong, connect, and support each other. REACH students set weekly goals for themselves in the areas of academic, personal, and relationship. The class curriculum includes the MDE SEL competencies (self-awareness, self-management, social awareness, relationship skills, and responsible decision-making). Additionally, positive healthy coping strategies/techniques are taught and emphasized. The curriculum is further guided by the needs of the students and may cover topics such as communication skills, mindset, problem-solving, brain research and health, self-image, drug/chemical awareness, healthy relationships, etc.

INDIGENOUS EDUCATION LEADERSHIP

Course Number: 16370

Grade Level: 7-12

Credits: .5 Credit

Note: Instructor/Counselor Approval Required to Register

Indigenous Education Leadership is a project- and service-based course that develops student leadership through Indigenous culture, values, and traditions. Students set personal and collective goals grounded in Indigenous perspectives such as respect, responsibility, and community while exploring history and contemporary Indigenous issues. Leadership skills are applied through meaningful community service projects that support local organizations, elders, and the school community. Through reflection and collaboration, students learn that leadership is rooted in service, cultural understanding, and giving back.

MATH COURSES

Rock Ridge School Board's Graduation Requirement policy requires that 3.0 credit of Math courses are taken by students during their high school

REQUIRED MATH COURSES

GRADE	GENERAL	ACCELERATED
9	Algebra I	Geometry
10	Geometry	Honors
11	High School Algebra II Math Applications (Not offered 26-27)	College Trigonometry (CIS) College Algebra (CIS)
12	Any Math Elective	Calculus (CIS)

career.

CALCULUS (CIS)

Course Number: 09650A & 09650B

Grade Level: 12

Credits: 1 Credit

Prerequisite: CIS Eligibility / College Trigonometry & College Algebra

Note: This course may be taken for high school credit if at least a "C" average in College Trigonometry & College Algebra is maintained.

This course examines limits, continuity, fundamentals of differentiation and integration of functions of one variable and applications of differentiation and integration. Students taking this sequence for college credit will receive 1.25 high school credits.

You must register for both classes to receive college credit which is earned in the 2nd semester of the course.

Students taking this course for college credit will receive 1.25 high school credits.

Students may earn 5 college credits through Minnesota North College in MATH 1311.



CALCULUS FOR NON-MATH/SCIENCE MAJORS

Course Number: 09605A & 09605B

Grade Level: 12

Credits: 1 Credit

Prerequisite: College Trigonometry & College Algebra

This course is an informal study of limits, fundamentals of differentiation and integration of functions of one variable and applications of differentiation and integration. Students enrolled in this course will not receive college credit.

This course is not offered for 26-27 but may be offered in 27-28.

COLLEGE ALGEBRA (CIS)

Course Number: 09240

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

Note: It is recommended for students to register for both College Trigonometry & College Algebra.

These courses are considered necessary for any student who plans to take calculus in college. All engineering, mathematics, and science-based majors, along with most medical related fields and advanced accounting fields require calculus to some extent. Completion of this course with good grades and strong study habits should be adequate preparation to take calculus in college. The course "High School Trig" is not designed as a prerequisite for calculus.

Students taking this course for college credit will receive .75 high school credits.

Students may earn 3 college credits through Minnesota North College in MATH 1220.



COLLEGE ALGEBRA YEAR-LONG (CIS)



Course Number: 09235A & 09235B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: High School Algebra II with at least a "C" average. CIS eligibility

Note: This is NOT a pre-calculus course.

This course is the CIS College Algebra class offered over a full year instead of a semester.

This course should be taken by any student who plans to continue their education beyond high school, either at a college or vocational school.

If college credit is received and is accepted, this class meets most math requirements for college graduation requirements.

Students taking this course for college credit will receive .75 high school credits.

Students may earn 3 college credits through Minnesota North College in MATH 1220.

COLLEGE TRIGONOMETRY (CIS)



Course Number: 09450

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility

Note: It is recommended for students to register for both College Trigonometry & College Algebra.

Students taking this course for college credit will receive .5 high school credits.

Students may earn 2 college credits through Minnesota North College in MATH 1225.

GEOMETRY

Course Number: 09310A & 09310B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: None

Note: **Required unless taking Honors Geometry**

This course is the study of plane, solid, and coordinate geometric problems. Topics covered are basic figures, definitions and postulates, inductive and deductive reasoning, angle relationships, perpendicular and parallel lines and planes, congruent and similar polygons, an introduction to trigonometry, circles, arcs, and angles, etc. This course consists of a review of arithmetic operations, the practical application of topics in measurement, geometric figures, geometric formulas, industrial formulas, metric system, geometric construction, ratio and proportion, percentage, trigonometry, and graphs.

HONORS GEOMETRY

Course Number: 09312A & 09312B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: Honors 8th Grade Algebra I or High School Algebra I with instructor approval.

Emphasis is placed on deduction, but significant roles of induction and intuition are also stressed. Linear, angular, surface, and volumetric, and quantities of 1, 2, and/or 3-dimensional geometric forms are compared and/or calculated. The line, plane, and space are coordinated; and elementary methods of analytical geometry are introduced. Solid geometry is integrated with plane geometry throughout the course.

HIGH SCHOOL ALGEBRA I

Course Number: 09210A & 09210B

Grade Level: 9

Credits: 1 Credit

Prerequisite: None

Note: **Required unless taking Honors**

High School Algebra I will include an algebraic introduction that builds upon the concepts taught in 8th grade algebra. Students will be working with real numbers, solving equations and problems, polynomials, factoring polynomials, algebraic fractions, applying fractions, introduction to functions, systems of linear equations, inequalities, rational and irrational numbers, and finally, quadratic functions.

HIGH SCHOOL ALGEBRA II

Course Number: 09230A & 09230B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: Intermediate or Algebra I

Note: **Required unless taking Honors High School Algebra II**

This is the second course in high school algebra. Topics covered include solving equations and inequalities including linear, quadratic, polynomial, inverse, absolute value, and exponential. Other topics include solving systems of equations; simplifying rational, irrational, imaginary, and complex expressions; logarithms, and probability and statistics.

HONORS HIGH SCHOOL ALGEBRA II

Course Number: 09232A & 09232B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: Honors Geometry or instructor approval

Note: **Required unless taking High School Algebra II. Students in this class come directly from Honors Geometry.**

High School Algebra II is a continuation of High School Algebra I geared toward the college-bound student. The first semester includes discussion of properties of the real number system, graphing and solving linear equations, factoring, solving quadratic equations, and an introduction to roots, radicals, and complex numbers.

The second semester includes properties of special curves (circles, parabola, hyperbola, ellipse), direct and inverse variation, logarithms, arithmetic/geometric sequences and series, statistics and probability, and an introduction to trigonometry.

MATH CONCEPTS

Course Number: 09105A & 09105B

Grade Level: 9-10

Credits: 1 Credit

Prerequisite: None

9-10 Math Concepts is a course taken in addition to High School Algebra 1 and Geometry. It is designed to provide pre-teaching of concepts, re-teaching of concepts, and extra support for the math curriculum. This course is by invitation only, but those interested should reach out to the building principal for more information. Students CANNOT register for this course and will be placed here by administration through the use of multiple data points.

This course is not offered for 26-27 but may be offered in 27-28.

MATH APPLICATIONS

Course Number: 09225A & 09225B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: None

This is an alternative second course in high school algebra. Includes topics covered in a traditional Algebra II course with an emphasis on applications in various fields. This is not intended for students planning on taking college level math classes. Enrollment for this course must be approved by the math department.

This course is not offered for 26-27 but may be offered in 27-28.

PROBABILITY & STATISTICS

Course Number: 09512

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Probability and Statistics is designed to introduce the methods used in the field of applied statistics. It relies on real-world situations, critical analysis, and interpretation of graphs and data. Students will be expected to analyze and write detailed descriptions and interpretations about graphs, data, and procedures.

This course is not offered for 26-27 but may be offered in 27-28.

MUSIC COURSES

Rock Ridge School Board's Graduation Requirement policy requires that 1.0 credit of Fine Arts courses are taken by students during their high school career.

REQUIRED FINE ART COURSES

GRADE	GENERAL
9-12	Any 1 Credit Fine Art Course

9-12 SYMPHONIC BAND

Course Number: 10505

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: Band 8



This is a year-long course. Students must sign up for both semesters. 9-12 Symphonic Band is the pinnacle experience of band at Rock Ridge. Musicians will utilize the rigorous development of advanced techniques and skills learned through previous experiences in band class to perform advanced repertoire at concerts throughout the year. Learners are required to attend scheduled band events throughout the year as a part of this course, which includes but is not limited to concerts, pep band events, music contest, and marching band performances. To improve ability, increase musicianship, and strengthen community, there will be opportunities for individual and sectional lessons throughout the school year. Grading in this course will be based on each musician's progress in fundamental learning through music assessments as well as their active participation and attendance at the band's scheduled events.

A CAPPELLA CHOIR

Course Number: 10230A & 10230B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: By audition only.



This is a yearlong course. Students must sign up for both semesters. The Rock Ridge High School A Cappella Choir is the elite ensemble of the Rock Ridge Choral Department and is open to singers of all voice types. Enrollment in this choir is obtained by audition only. To schedule your audition, please contact the director. The A Cappella Choir is designed to fulfill the needs of those students who desire a strong and in-depth, high-quality experience in choral singing. The choir performs all styles of choral literature from the Renaissance through the Contemporary periods, and a high level of commitment is expected. The A Capella Choir performs in three major concerts throughout the year, performs in the MSHSL Contests, participates in music festivals and community performances, Madrigal Dinner, and travels every four years. To improve ability, increase musicianship, and strengthen community, there will be opportunities for individual and sectional lessons throughout the school year. This choir is a year-long course; students must sign up for both semesters.

BEL CANTO

Course Number: 10200A & 10200B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: At least one year of Choir in grade 7 or 8



This is a yearlong course. Students must sign up for both semesters. Bel Canto is a non-auditioned choir open to all SOPRANO/ALTO SINGERS in 9th-12th grade. The course will focus on the enjoyment of singing, exposure to the many styles of choral music, and the development of the skills necessary for an effective high voice choral experience. Bel Canto performs in three major concerts each year, the MSHSL Contests, and travels every four years. The Bel Canto Choir may also participate in field trips, community performances, festivals, and the Madrigal Dinner. To improve ability, increase musicianship, and strengthen community, there will be opportunities for individual and sectional lessons throughout the school year. This choir is a year-long course; students must sign up for both semesters.

KANTOREI

Course Number: 10220A & 10220B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: At least one year of Choir in grade 7 or 8

This is a yearlong course. Students must sign up for both semesters. Kantorei is a non-auditioned choir open to all TENOR/BASS SINGERS in 9th-12th grade. The course will focus on the enjoyment of singing, exposure to the many styles of choral music, and the development of the skills necessary for an excellent choral experience. Kantorei performs in three major concerts each year, the MSHSL Contests, and travels every four years. The choir may also participate in field trips, community performances, festivals, and the Madrigal Dinner. To improve ability, increase musicianship, and strengthen community, there will be opportunities for individual and sectional lessons throughout the school year. This choir is a year-long course; students must sign up for both semesters.



SENIOR HIGH ORCHESTRA

Course Number: 10800A & 10800B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: Orchestra 7 & 8

This is a yearlong course. Students must sign up for both semesters. High School Orchestra is a course for advancing string players who have been in orchestra in grades 5-8. In addition to the traditional performance/technique-based curriculum, the students are involved in a more comprehensive curriculum, which includes analysis of musical form, music theory, music history, solos, and small ensembles. The orchestra performs a fall concert, a winter concert, a spring pops concert, the Minnesota State High School League music contest, community functions, and the graduation ceremony. To improve ability, increase musicianship, and strengthen community, there will be opportunities for individual and sectional lessons throughout the school year. Our tour is taken in the spring on a 4-year rotation.



PHYSICAL EDUCATION COURSES

Rock Ridge School Board's Graduation Requirement policy requires that .5 credit of Health courses are taken by students during their high school career.

REQUIRED PHYSICAL EDUCATION COURSES

GRADE	GENERAL
9	General 9 th Phy Ed or Everyday Recreation 9th

ADVANCED STRENGTH & CONDITIONING

Course Number: 12142

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: Strength & Conditioning

Advanced Strength and Conditioning is a semester class for 10th-12th grade students. Students will have an opportunity to work on several different categories of weight training: muscular strength, muscular endurance, speed and agility, flexibility and much more. There will be several different programs for students to use as training tools including periodization, triphasic training, and Olympic weightlifting. Students who have taken Strength and Conditioning or can show proficiency in the lifts covered in this class are welcome to register for this class. Workout programs for the 1st quarter of the semester will be meant to progress a student's lifting ability beyond the Strength and Conditioning Course. This course will be more muscular strength and muscular endurance. Workout programs for the 2nd quarter will be based on the student's maximum repetition percentages.



ATHLETIC TRAINING

Course Number: 12155

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

The intent of this course is to provide basic information on a variety of topics, all of which relate to the profession of athletic training. Students will be educated on the role of an athletic trainer, job domains and responsibilities of an athletic trainer, and career options for an athletic trainer. Students will also have the opportunity to complete a field study with either an Athletic Trainer or at a local Orthopedic Facility.



COACHING & LEADERSHIP

Course Number: 12150

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: General Physical Education, Strength and Conditioning or Everyday Fitness.

"Have you ever thought about a career in sports and what it is to be a coach or an official?" This course is an introduction in the field of athletics. Students will learn the basics of how to develop a sports program. Students will develop a philosophy of coaching and learn how to evaluate, teach, set up, and schedule games and practices. In the officiating portion of the class, students will learn techniques, rules, and positioning in how to be an official. Students will be active learning in this class. Students will be watching game films utilizing in-class games to provide access to coaching and officiating peers in a live situation.



EVERYDAY RECREATION 9TH

Course Number: 12108

Grade Level: 9

Credits: .5 Credit

Prerequisite: None

Everyday Recreation is a physical education course that will offer multiple moderate to low impact activity choices each day. This course will be geared toward individual/dual activities along with small team activities. Activities will include but are not limited to Badminton, Pickleball, Volleyball, Spikeball, Ping Pong, Corn Hole (Bags), Frisbee, Basketball, 9-Square, Bocce Ball, Indoor Curling, Walking/Fitness Options. If you like a variety of moderate to low impact activity choices each day, this course is for you. Activities will be adjusted based on the time of year that it is offered.



GENERAL 9TH PHY ED

Course Number: 12105

Grade Level: 9

Credits: .5 Credit

Prerequisite: None

This Physical Education course will incorporate all types of games and activities. It will include individual and team activities. Units include but are not limited to racquet sports such as badminton and pickleball, team sports such as basketball, soccer, team handball, football, volleyball, floor hockey, lacrosse, dodgeball, spikeball weight training, team building, individual activities, etc. This course will be fun, engaging, and high energy. If you like playing a variety of games and activities, while having fun and getting exercise, this course is for you. Activities will be adjusted based on the time of year that it is offered.



MIXED PE

Course Number: 12101

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

This Physical Education course will incorporate all types of games and activities. It will include individual and team activities. Units include but are not limited to racquet sports such as badminton and pickleball, team sports such as basketball, soccer, team handball, football, volleyball, floor hockey, lacrosse, dodgeball, spikeball weight training, team building, individual activities, etc. This course will be fun, engaging, and high energy. If you like playing a variety of games and activities, while having fun and getting exercise, this course is for you. Activities will be adjusted based on the time of year that it is offered.



OUTDOOR RECREATION

Course Number: 12160

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: General Physical Education, Strength and Conditioning or Everyday Fitness.

This course is for outdoor novices or experienced individuals with an interest in outdoor recreation and how best to utilize the resources safely without destroying them. This course will focus on hands-on and practical opportunities balanced with academic analysis. This course will examine common Minnesota outdoor activities from a standpoint of safety, proper gear and use of gear, multiple-use principles, and cost for the activity. We will examine activities such as canoeing, ice & summer fishing, geocaching, wilderness hiking, summer and winter camping, archery, small and large game hunting, and trip planning.



RACQUET/LIFETIME SPORTS

Course Number: 12122

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Class emphasis is on gaining a basic knowledge of individual sports and lifetime activities. Sports and activities may include, but are not limited to, badminton, pickleball, mushball, speedminton, spikeball, golf, archery, bowling, tennis, biking, walking/jogging, table tennis, disc golf, bean bags, bocce ball and individual fitness plans. Students will progressively learn the skills and game strategies for each sport. These sports/activities have been chosen to encourage students to participate in physical activity for life and to promote good health and wellness.



SHAPE UP FITNESS

Course Number: 12125

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Everyday Fitness is a semester class geared toward female students grades 9-12, although all students are welcome. This class will encourage individual goals in developing muscular strength/toning, cardiovascular endurance, and flexibility through a variety of activities such as yoga, Pilates, biking, walking, Zumba, kickboxing, weightlifting, small group workouts, high intensity training, other cardiovascular activities, and team/individual games.



STRENGTH & CONDITIONING

Course Number: 12141

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Strength and Conditioning is a semester class for 9th-10th grade students. Students will have an opportunity to work on several different categories of fitness including muscular power, cardiovascular endurance, flexibility, and much more. There are several different programs that students will use to progress their level of lifting technique and their level of comfort in the weight room. Students of all levels of fitness are welcome to register for this class. Workout programs for the 1st quarter will be gauged toward the teaching of Olympic and powerlifting techniques to progress the student through the course. The Program cycles are a mix of both strength-based and cardio-based. Workout programs for the 2nd quarter will be based on the student's maximum repetition percentages.



TEAM SPORTS

Course Number: 12110

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: General Physical Education, Strength and Conditioning or Everyday Fitness.

Class emphasis is on gaining a basic knowledge of team sports. Students will learn a variety of rules, fundamentals and strategies used in team sports. Team sports include, but are not limited to, team handball/speedball, volleyball, lacrosse, softball, ultimate Frisbee, soccer, basketball, football, and floor hockey. Safety, teamwork, and sportsmanship will be emphasized.



SCIENCE COURSES

Rock Ridge School Board's Graduation Requirement policy requires that 3.0 credits of Science courses are taken by students during their high school career.

REQUIRED SCIENCE COURSES

GRADE	GENERAL	ACCELERATED
9	Earth Science	Honors Earth Science
10	Biology	AP Biology
11	Botany Environmental Science Food Chemistry High School Chemistry Zoology	General Biology (CIS) Introduction to Chemistry I (CIS) Introduction to Physics (CIS) Human Anatomy & Physiology I (CIS) Human Anatomy & Physiology II (CIS) Introduction to Forensic Biology (CIS) Microbiology (CIS)
12	Botany Environmental Science Food Chemistry High School Chemistry Zoology	General Biology (CIS) Introduction to Chemistry I (CIS) Introduction to Physics (CIS) Human Anatomy & Physiology I (CIS) Human Anatomy & Physiology II (CIS) Introduction to Forensic Biology (CIS) Microbiology (CIS)

AP BIOLOGY

Course Number: 13202A & 13202B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: None

Note: **Required unless taking Biology.**



Are you ready to step up your high-school game? How do modern laboratory procedures mimic biological processes? Are Punnett Squares even relevant any longer? Advanced Placement Biology (A.P. Biology) is designed to be the equivalent of a college introductory biology course. AP Biology is a more in-depth study of the topics covered in Biology. The assessment strategies are also reflective of a more advanced science course. This course differs significantly from the usual first-year course with respect to the textbook used, the range and depth of topics covered, the kind of laboratory work performed, and the time and effort required by the student. Three general areas will be covered: molecules and cells, genetics and evolution, organisms and populations. This course is designed for students looking for a challenge and an introduction to college-level material.

BIOLOGY

Course Number: 13200A & 13200B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: None

Note: **Required unless taking AP Biology.**

Biology is a required course for graduation. Students may choose between Biology and AP Biology. Biology covers cell theory, mechanisms of heredity, biological change over time, material cycles and energy flow in living systems, behaviors of organisms, and the significance of major scientific advances.

BOTANY

Course Number: 13410

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

Botany is the scientific study of plants and their relationship to the environment. In this course, students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, and ecology of plants. Students should expect daily classwork as well as projects, quizzes, tests, and laboratory write-ups. Laboratory and outdoor experiences complement classroom activities. A high level of understanding in problem solving and the scientific methods is necessary for success in this course.

EARTH SCIENCE

Course Number: 13105A & 13105B

Grade Level: 9

Credits: 1 Credit

Note: **Required for all 9th graders unless taking Honors Earth Science.**

This Earth Science course will investigate and study the interactions between the four major Earth spheres including the geosphere, atmosphere, hydrosphere, and biosphere to explain Earth's formation, processes, history, landscapes, and how and why Earth changes over time. The course will also explore how current actions of humans are interacting with and affecting Earth's spheres leading to local and global changes. Topics to be addressed include, but are not limited to science and engineering practices, nature of science, measurement, mapping Earth's surface, plate tectonics, earthquakes, volcanoes, geologic time, meteorology, and Earth's place in the universe. Students will participate in laboratory exercises, small group activities, web-based investigations and simulations, class discussions, projects, and research.

HONORS EARTH SCIENCE

Course Number: 13106A & 13106B

Grade Level: 9

Credits: 1 Credit

Note: **Required for all 9th graders unless taking Earth Science.**

The Honors Earth Science course will provide students with a rigorous curriculum that teaches to the same standards as the general Earth Science Courses. At the honor level, however, extended learning activities will require students to increase their use of critical thinking skills to include analysis, synthesis, and problem-solving. This Earth Science course will investigate and study the interactions between the four major Earth spheres including the geosphere, atmosphere, hydrosphere, and biosphere to explain Earth's formation, processes, history, landscapes, and how and why Earth changes over time. The course will also explore how current actions of humans are interacting with and affecting Earth's spheres leading to local and global changes. Topics to be addressed include, but are not limited to science and engineering practices, nature of science, measurement, mapping Earth's surface, plate tectonics, earthquakes, volcanoes, geologic time, meteorology, and Earth's place in the universe. Students will participate in laboratory exercises, small group activities, web-based investigations and simulations, class discussions, projects, and research.

FOOD CHEMISTRY

Course Number: 13312A & 13312B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: None

What is in the food you eat? In this Food Science course, we will learn about chemistry and the chemistry of foods, using scientific methods. Topics include Matter, chemical formulas, equations, chemical naming, the study of the periodic table. Through experiments with yeasts, heat, liquid, etc., students plan and implement lab experiments to study the relationships among science, food, and nutrition. Basic laws of chemistry are applied to the production, processing, preservation, and packaging of food.



GENERAL BIOLOGY (CIS)

Course Number: 13250

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility / Biology or AP Biology

Note: This course covers basic biology concepts needed for all healthcare, engineering, and science professions, among others. Is there enough dinosaur DNA in modern birds to recreate dinosaurs? How are human cells, bacteria cells, plant cells and viruses similar? Is it moral and ethical to create human sex cells (eggs and sperm) in a laboratory? The answers are found in General Biology I. An introduction to the field of biology focusing on unifying biological principles, concepts, and theories. Includes the scientific method; life's chemical basis; cell theory; cellular structure, function, metabolism, and reproduction; genetics and inheritance; evolution, and an introduction to community and ecosystem ecology. Lab includes conducting, interpreting, and communicating results of lab exercises and experiments. This course covers basic biology concepts needed for all healthcare, engineering, and science professions, among others.

Students taking this course for college credit will receive .75 high school credit.

Students may earn 3 college credits through Lake Superior College in BIOL 1120.



HIGH SCHOOL CHEMISTRY

Course Number: 13300A & 13300B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: None

What is the science behind fireworks? Is it true the floor is mostly empty space? Do you enjoy hands-on labs? High School Chemistry answers these questions, gives you these opportunities, and much more! This course covers the basic principles of chemistry from a conceptual and practical viewpoint. Topics generally include organization of matter, phases of matter, chemical reactions, and gas interactions. This course is designed as a survey of chemistry for students interested in an exposure to the content of the science of chemistry and an introduction to laboratory science classes.



HUMAN ANATOMY & PHYSIOLOGY I (CIS)

Course Number: 13604

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility / Biology or AP Biology

Note: This course is designed for students interested in health care professions.

This course takes a very intense look at the anatomy and physiology of humans with emphasis on dissection and extensive lab work done with human analogs and representative specimens. Human Anatomy and Physiology I includes exploration of Anatomical terminology, Cells, Histology, structures and functions of the Skeletal system, Muscular system, Nervous system and Senses, and the Integumentary system.

Students taking this course for college credit will receive 1 high school credit.

Students may earn 4 college credits through Minnesota North College in BIOL 2371



HUMAN ANATOMY & PHYSIOLOGY II (CIS)



Course Number: 13605

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility / Human Anatomy & Physiology I

Note: This course is designed for students interested in health care professions.

Human Anatomy and Physiology II (CIS) takes a very intense look at the anatomy and physiology of humans with emphasis on the structures and functions of the Endocrine system, Cardiovascular system, Lymphatic/Immune systems, Respiratory system, Urinary system, Digestive system, Reproductive system and Genetics.

Students taking this course for college credit will receive 1 high school credit.

Students may earn 4 college credits through Minnesota North College in BIOL 2372

INTRODUCTION TO CHEMISTRY I (CIS)



Course Number: 13502A & 13502B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: CIS Eligibility / College Algebra

Note: This is a required course for all healthcare, engineering, and science professions, among others.

How can Advil ease the pain of a smashed finger? Do stars have a fingerprint? This CIS course aims to answer those questions and more. This CIS course examines most of the topics covered in High School Chemistry, but more in-depth and uses more mathematics, meeting all requirements of Minnesota North College. Students must understand algebra to do well in this course. This course covers the basic principles of chemistry and the basic skills used in a chemistry laboratory. Topics generally include organization of matter, language of chemistry, phases of matter, solutions and their behavior, acids and bases, thermal chemistry, and chemical reactions.

Students taking this course for college credit will receive 1 high school credit.

Students may earn 4 college credits through Minnesota North College in CHEM 1521.

INTRO TO FORENSIC BIOLOGY: CONCEPTS & TECHNIQUES (CIS)



Course Number: 13255

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility / Biology or AP Biology

What can the corpse at a crime scene indicate about the crime? How difficult is it to clean up blood from a crime scene? Are shows like CSI and Dexter accurate? This lab-based course is designed to teach introductory cell, molecular biology, and chemistry using case studies and lab exercises centered around forensic analysis. Lectures, labs, case study assignments, readings, and instructions will be chosen from the following topics: scientific method, critical thinking, lab safety, microscope use (hair and fiber analysis), DNA extraction, DNA fingerprinting and replication, chemistry of life (atomic structure, bonding, pH, organic macromolecules), protein separation and analysis (electrophoresis), bacterial culture, transformation, chromatography, genetically modified organisms (GMO), cell replication, and forensic entomology. Hands-on instruction in forensic lab techniques used in environmental, medical, and molecular biology. A great class for law enforcement, mortician, and medical examiner professions.

Students taking this course for college credit will receive .75 high school credit.

Students may earn 3 college credits through Lake Superior College in BIOL 1009.

INTRO TO PHYSICS (CIS)

Course Number: 13550A & 13550B

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility / Biology or AP Biology / Passing grade for High School Algebra II

What's the deal with those Newton's Cradles on Strasser's desk? Why are saunas the perfect model for heat transfer? If plastic is easily bendable and breakable, why are modern vehicles made from it? Intro to Physics can help you answer these questions - and any other question about the universe. This course covers the basic principles of physics from a conceptual and practical viewpoint, with an emphasis on algebraic problem solving. Topics generally include motion, forces, energy, waves and sound, fluids, heat, electricity and magnetism, and light. Modern physics (quantum mechanics, black holes, particle accelerators, astrophysics) will also be addressed throughout the year. Students may attend ValleyFair's Science and Physics Days in Shakopee, MN in the spring as part of their year-end-project. The course is a survey of physics for students interested in an exposure to the subject of physics and an introduction to laboratory science classes. This course is designed for students interested in engineering, medicine, architecture, and computer professions, among others.

Students taking this course for college credit will receive 1 high school credit.

Students may earn 4 college credits through Minnesota North College in PHYS 1100.



MICROBIOLOGY (CIS)

Course Number: 13252

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS Eligibility / Biology or AP Biology

Note: This course is designed for students interested in health care professions.

30% of the mass of your poo is microbes. Microbes can make you both healthy and sick. You can transfer DNA from a jellyfish to a bacterium and make the bacteria glow. Want to learn more? Microbiology is a study of the classification, structure, and function of microbes, with an emphasis on disease-causing bacteria, viruses, protozoa, and fungi; control of microbial growth; study of the basic laboratory techniques used in microbiology: use of the microscope for viewing microbes, staining techniques, bacterial morphology and staining patterns, preparation of culture media, culture techniques, and microbial identification techniques. This course is designed for students interested in health-care professions.

Students taking this course for college credit will receive .75 high school credit.

Students may earn 3 college credits through Lake Superior College in BIOL 1170.

Not offered for 26-27 but may be offered again in 27-28.



ZOOLOGY

Course Number: 13402

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Zoology is the study of animal life. We will study the general principles of zoology including animal anatomy, reproduction, genetics, habitats, and distributions, as well as animal behavior. Students should expect daily classwork as well as projects, quizzes, tests, and laboratory write-ups.

Laboratory and outdoor experiences complement classroom activities. A high level of understanding in problem solving and the scientific methods is necessary for success in this course.

SOCIAL STUDIES COURSES

Rock Ridge School Board's Graduation Requirement policy requires that 3.5 credit of Social Studies courses are taken by students during their high school career.

REQUIRED SOCIAL STUDIES COURSES

GRADE	GENERAL	ACCELERATED
9	Social Studies Foundations 9	Honors Social Studies Foundations 9
10	World History	Honors World History
11	U.S. History 11	American History - 1877 (CIS) American History 1877 to Present (CIS)
12	Government Economics (Graduation Class of 2027 and after)	AP Government AP Economics

AMERICAN HISTORY TO 1877

Course Number: 14252

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS eligibility

American History to 1877 focuses on the development of American political, social, and economic institutions and practices. This course surveys the period of American development from pre-European arrival through Reconstruction. Topics include Native American cultures, European colonization, the American Revolution, the early national period, the War of 1812, the Civil War, Reconstruction, and American presidents and their respective policies.



AMERICAN HISTORY 1877 TO PRESENT

Course Number: 14253

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: CIS eligibility

American History from 1877 to the present examines the development of American political, social, and economic institutions and practices. Survey topics include industrialization, Gilded Age politics, urbanization, America as a world power, the Progressive Era, World War I, the "Roaring Twenties," the Great Depression, World War II, the Baby Boom, Vietnam War, and social, economic, and political developments during the late 20th and early 21st centuries.



American History to 1877 & American History 1877 to Present may be taken in place of the traditional 11th grade United States History course.

American History to 1877 & American History 1877 to Present may be taken by seniors as an elective credit.

Students taking this sequence for college credit will receive 1.5 high school credit.

Students may earn 6 college credits through Minnesota North College in HIST 1211 & 1212.

AP ECONOMICS

Course Number: 14302

Grade Level: 12

Credits: .5 Credit

Prerequisite: None

Note: **Required Unless taking Economics for the graduating classes of 2027 and beyond.**



AP PSYCHOLOGY

Course Number: 14422A & 14422B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: None

This course offers students an engaging introduction to the essential topics in psychology. Throughout this study of human behavior and the mind, you will explore current theories and issues in areas of cognition, sensation and perception, consciousness (including sleep and dreams), motivation, memory, personality types, relationships, and mental health disorders. Rather you're headed to college and want to get a jumpstart on your credits, or you are just curious about what makes you, you; this class will be the equivalent of a college level class and should only be taken by serious students with an interest in the world of psychology.



AP US GOVERNMENT & POLITICS



Course Number: 14307

Grade Level: 12

Credits: .5 Credit

Prerequisite: None

Note: **Required Unless taking Government.**

This course gives students a perspective on government and politics in the United States. It includes both the study of general concepts used to interpret US Government and Politics and the analysis of specific examples. Students will gain familiarity with the various institutions, groups, beliefs, and ideas that constitute US Government and politics.

ECONOMICS

Course Number: 14300

Grade Level: 12

Credits: .5 Credit

Prerequisite: None

Note: **Required Unless taking AP Economics for the graduating classes of 2027 and beyond.**

This is a basic economics class where students will be exposed to economic principles and theory. They will gain an understanding of the current economic systems, practices, principles, and theory which apply to the U.S. and foreign economies. Students will be exposed to the different types of economic and business systems that contribute to our economy. Students will also gain an understanding of microeconomics and consumer economics. All students will gain valuable information that will benefit them financially and economically in the next stage of their life.

GOVERNMENT

Course Number: 14305

Grade Level: 12

Credits: .5 Credit

Prerequisite: None

Note: **Required Unless taking AP Government.**

Government will provide students with a solid background in American Government. During the semester, the focus will be on developing student skills and knowledge in the area of American citizenship. Constitutional principles, individual rights and responsibilities, and formal and informal political structures will be investigated. A second component to Government will be current events that complement the study of American government. Throughout the year, a continual study of videotaped and printed current events is maintained with a strong emphasis on U.S. and Minnesota affairs to illustrate the federal and state governments at work.

HONORS SOCIAL STUDIES FOUNDATIONS 9

Course Number: 14101

Grade Level: 9

Credits: .5 Credit

Prerequisite: None

Note: **Required for all 9th graders unless taking Social Studies Foundations 9.**

The honors social studies 9 class provides an integrated study of geography and civics. The goal of the class is to develop citizens who will be able to participate in a culturally diverse, democratic, global society. The class also emphasizes active learning strategies, research, and inquiry skills, as well as critical thinking, reading, and writing.

HONORS WORLD HISTORY 10

Course Number: 14201A & 14201B

Grade Level: 10

Credits: 1 Credit

Prerequisite: None

Note: **Required unless taking World History 10.**

Honors World History will provide enriched, exploratory, and challenging opportunities to dive into everything from the ancient civilizations to modern issues. This course is designed for learners who demonstrate strength in social studies skills and content. Honors World History utilizes rigorous curriculum to cover the same standards as World History 10 but at new depths and an accelerated pace. Learners will experience more projects throughout the year where they will apply knowledge, problem-solving skills, critical thinking, and creativity. Learners will gain new perspectives and engage in the history of our increasingly interdependent world.

LAW AND CRIMINAL JUSTICE

Course Number: 14400

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Students will explore subjects of law like the introduction of the law, the meaning of crime, civil laws and procedures, criminal laws and procedures, and agency and employment laws. Afterward, they will learn about different aspects of criminal justice like crime patterns, understanding crime and victimization, the history of policing, adult and juvenile corrections, probation, and life in prison.

Not running for 26-27, will run again in 27-28.

MINNESOTA & IRON RANGE HISTORY

Course Number: 14222

Grade Level: 10-12

Credits: .5 Credit

Prerequisite: None

Note: Running for 2026-2027 year and every other year after.

This course is a social studies elective that explores our rich, local history and covers all things Minnesota. Topics will include early native cultures, current culture, and everything in-between. Students will learn about how different industries, like forestry and mining, as well as immigration shaped our culture and how these played a major role in America's history. Learn about Minnesota in a variety of ways and discover the rich history of our great state. This class will prepare you for careers in everything from tourism and business to mining and natural resources. You will experience Minnesota to the fullest. Newbies to diehards are welcome.

SOCIAL STUDIES FOUNDATIONS 9

Course Number: 14100

Grade Level: 9

Credits: .5 Credit

Prerequisite: None

Note: **Required for all 9th graders unless taking Honors Social Studies Foundations 9.**

Social Studies Foundations 9 will explore the social studies topics of geography and civics. This course focuses on the foundations of the US Government and current global issues. Being informed about current topics helps one become a better citizen and understand the world in a more complete way.

WORLD HISTORY 10

Course Number: 14200A & 14200B

Grade Level: 10

Credits: 1 Credit

Prerequisite: None

Note: **Required unless taking Honors World History 10.**

In World History we will utilize historical skills to explore and analyze everything from the beginnings of civilizations to modern issues. We will learn about the key players, cultures, locations, causes/ effects, and the lasting impacts of historical events that have shaped the world. Learners will find that world history encompasses everything in life as it's the story of us all. Learn and become an informed citizen of our very interdependent world!

THE WORLD WARS

Course Number: 14710

Grade Level: 11-12

Credits: .5 Credit

Prerequisite: None

The course will cover WWI and WWII in depth over the course of one semester. Emphasis will be placed on how the wars were interconnected and how they still affect global society today. The course will be largely project-based learning and discussions.

US HISTORY 11

Course Number: 14250A & 14250B

Grade Level: 11

Credits: 1 Credit

Prerequisite: None

Note: **Required Unless taking CIS American History to 1877 AND American History 1877 to Present**

United States History is a survey course covering social, economic, and political development of the United States from Exploration and the Colonial Era to the present. Special emphasis will be given to the Civil War and Reconstruction, Industrialization, Reform Movements, Foreign Policy, World War I & II, The Great Depression, Civil Rights, and the current issues of the day.

WORLD LANGUAGE COURSES

Unless otherwise noted these courses count as elective credits.

While not all colleges require language for admission, more and more are doing so. Two years of a single world language is considered the minimum requirement at these colleges. If planning to attend a 4-year college or university, it is recommended that students complete three years of a world language. If you are planning or hoping to attend a 4-year college or university, it is recommended that you refer to their admissions requirements regarding foreign language requirements.

ANISHINAABE LANGUAGE I

Course Number: 18335 & B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: None

This course will introduce students to the Anishinaabe language. Conversational Anishinaabe and writing skills will be learned leading to an oral presentation. Analysis of sentence structure will be utilized in attaining an understanding of the complexity and beauty of the Anishinaabe language. Students will also study the culture and history of the Anishinaabe.

ANISHINAABE LANGUAGE II

Course Number: 18337 & B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: Anishinaabe Language I

This course will continue to reinforce the conversational and writing skill which began in Anishinaabe Language I. New vocabulary, grammatical concepts, and utilization of acquired skill will be emphasized.

GERMAN I

Course Number: 18200A & 18200B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: None

Note: Students will also have the opportunity to participate in a three-week exchange to Germany every other year.

German I is an introduction to the German language and culture. Students will acquire the German language using comprehensible language in class discussions, stories, and cultural explorations. Students will start by developing listening and reading skills that will lead into speaking and writing skills, all the while learning about the fascinating Germanic culture.

GERMAN II

Course Number: 18225A & 18225B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: German I

Note: Students will also have the opportunity to participate in a three-week exchange to Germany every other year.

In German II, students will continue to develop the skills needed to communicate in German through more extensive vocabulary and grammatical concepts. Stories, real world materials and class activities are designed to allow students to acquire the language through comprehensible input.

GERMAN III

Course Number: 18250A & 18250B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: German II

Note: Students will also have the opportunity to participate in a three-week exchange to Germany every other year. German III is a continuation of German II with further development of listening, speaking, reading, and writing skills.

SPANISH I

Course Number: 18100A & 18100B

Grade Level: 9-12

Credits: 1 Credit

Prerequisite: None

Spanish I is an introduction to the Spanish language and culture. Students will acquire the Spanish language using comprehensible language in class discussions, stories, and cultural explorations. Students will start by developing listening and reading skills that will lead into speaking and writing skills, all the while learning about the rich culture of the Spanish-speaking world.

SPANISH II

Course Number: 18125A & 18125B

Grade Level: 10-12

Credits: 1 Credit

Prerequisite: Spanish I

In Spanish II, students will continue to develop the skills needed to communicate in Spanish through more extensive vocabulary and grammatical concepts. Stories, real world materials and class activities are designed to allow students to acquire the language through comprehensible input.

SPANISH III

Course Number: 18150A & 18150B

Grade Level: 11-12

Credits: 1 Credit

Prerequisite: Spanish II

Spanish III is a continuation of Spanish II with further development of listening, speaking, reading, and writing skills.

NON-CREDIT BEARING COURSES

These courses do not earn credit.

STUDY HALL

Course Number: 17000A & 17000B

Grade Level: 9-12

Credits: No Credit

NOTE: Students must remain on campus during study hall.

9th-12th grade students can elect to take two study hall periods (one each semester).

The purpose of study hall is to find extra time during the day to work on homework or study for tests.

Students have access to iPads and computers as well as the resource center when necessary.

The study hall supervisor will work independently with students as necessary.

SPECIAL EDUCATION

All Special Education students can take any of the electives offered within this course catalog. This section includes other resource room-based courses offered only to students that qualify.

Special services are provided to children (birth - 22) with the following handicapping conditions: Early Childhood Special Education, Autism Spectrum Disorders, Deaf-Blind, Emotional or Behavioral Disorders, Deaf and Hard of Hearing, Developmental Cognitive Disability, Other Health Disabilities, Physically Impaired, Severely Multiply Impaired, Specific Learning Disability, Speech or Language Impairments, Traumatic Brain Injury, Visual Impairment, Development Adaptive Physical Education.

The education program and services that each child requires is based on an assessment or evaluation. If the student meets the criteria for special education and is in need of special education services, a comprehensive Individual Educational Plan (IEP) or Individual Interagency Intervention Plan (IIP) is then written which includes the results of the evaluation, student needs, goals and objectives set by the team, services to be provided, and times and frequency of progress reports.

7TH - 12TH GRADE

MATH	<ul style="list-style-type: none"> • Everyday Math (7-12) • Resource Functional Math (7-12) • Resource Math I (7-12) • Resource Math II (7-12) • Resource Math III (7-12) • Resource Math IV (7-12)
LANGUAGE ARTS	<ul style="list-style-type: none"> • Functional English (7-12) • Intermediate English (7-12) • Resource English I (7-12) • Resource English II (7-12) • Resource English III (7-12) • Resource English IV (7-12)
SOCIAL STUDIES	<ul style="list-style-type: none"> • Everyday Economics (9-12) • Everyday Social Studies (7-12)
SCIENCE	<ul style="list-style-type: none"> • Science Lab (7-12)
ELECTIVES	<ul style="list-style-type: none"> • Career Seminar II (11-12) • Resource Life Skills (7-12) • Math/English Lab (7-12) • Post-Secondary Education & Career Readiness (11-12) • Resource Recreation and Leisure (7-12) • Recreation Fitness (9-12) • Advanced Recreational Fitness • Resource Organization and Study Skill Jr (7-8) • Resource Organization and Study Skill Sr (9-12) • Work Experience (11-12)

SPECIAL EDUCATION RESOURCE ENGLISH COURSES

FUNCTIONAL ENGLISH

Course Number: 19202A & 19202B

Grade Level: IEP Determined

Credits: IEP Determined

Functional English I is a course developed for high school students who are currently on an IEP. This class teaches skills in the following sub domains: alphabetic principle, concept of word, visual discrimination, phonics, structural analysis, vocabulary, sentence level comprehension, phonemic awareness, paragraph level comprehension and early numeracy. It includes concepts such as taking information directly from the text, making inferences, summarizing key details, character development, plot, basic writing skills and interpretation of words in context. Case manager approval is required for students with a current IEP to register.

INTERMEDIATE ENGLISH

Course Number: 19204A & 19204B

Grade Level: IEP Determined

Credits: IEP Determined

Intermediate English I is a course developed to bridge and support transitioning into the junior high and high school English classroom settings. Students selecting this course will be on an IEP and will need case manager approval. This class teaches the process and skills a student needs to become an independent learner when in the classroom setting. It includes concepts such as: Key Details, Themes, Characters, Point of View, Compare and Contrast, Drawing conclusions, Perceiving Relationships, Making Judgements, Predictions, Sequencing Logical Connections, Drawing Conclusions, reading in the content Areas, Vocabulary and Decoding, Research and Study Skills. Case manager approval is required for students with a current IEP to register.

RESOURCE ENGLISH I

Course Number: 19210A & 19210B

Grade Level: IEP Determined

Credits: IEP Determined

Resource English I is our level 1 English course developed for students who are currently on an Individualized Educational Plan (IEP). This course focuses on developing skills in the areas of reading, writing, and speaking through various types of literature including short stories, novels, and nonfiction articles. Students will work to strengthen their reading skills, develop vocabulary and spelling skills, enhance their writing, and improve comprehension. Students will develop spelling and writing skills through instruction focused on Case manager approval is required for students with a current IEP to register.

RESOURCE ENGLISH II

Course Number: 19211A & 19211B

Grade Level: IEP Determined

Credits: IEP Determined

Resource English II is our level 2 English course developed for students who are currently on an Individualized Educational Plan (IEP). This course concentrates on reading, writing, vocabulary, mechanics, usage, and grammar. Special emphasis is placed on improving literacy through a strong core of reading and writing practice. Students will take the state reading test in the spring. Case manager approval is required for students with a current IEP to register. Some students will take this in place of English 7/8 and some students will take this as a replacement for English 9/10.

RESOURCE ENGLISH III

Course Number: 19212A & 19212B

Grade Level: IEP Determined

Credits: IEP Determined

Resource English III is an English course developed for students who are currently on an Individualized Educational Plan (IEP). Case manager approval is required for students with a current IEP to register.

CO-TAUGHT LITERATURE & COMMUNICATION

Course Number: 19220A & 19220B

Grade Level: IEP Determined

Credits: IEP Determined

Co-Taught Exploring Literature & Professional Speaking is a course that is taught by both a licensed English teacher and a licensed special education teacher. The focus of this ELA course is developing skills in the areas of reading, writing, and speaking through various types of literature, including short stories, novels, and nonfiction text. Students will explore several genres and work to strengthen their reading skills and develop their vocabulary. They will make connections among ideas and between texts and consider a wide range of textual evidence. Students will develop writing skills in areas including persuasion, explanatory texts, and narratives, along with reflection to make connections to literature and to reflect on personal experiences. A strong emphasis is placed on practicing public and professional speaking.

SPECIAL EDUCATION LIFE SKILL COURSES

RESOURCE LIFE SKILLS

Course Number: 19810A & 19810B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Life Skills is a course focused on the daily living skills students need to gain to prepare for increased independence. Skills such as hygiene, basic cooking, and other life skills.

SOCIAL SKILLS

Course Number: 19816A & 19816B

Grade Level: IEP Determined

Credits: IEP Determined

Social Skills is a course developed for students who are currently on an IEP. This class teaches social-emotional skills and provides a foundation for the skills to be applied to real-world situations. This class uses relevant discussion-based content. This class includes concepts such as Mindsets and Goals, Values and Friendships, Thoughts, Emotions and Decisions, and Serious Peer Conflicts. Students taking this class will also receive support in study and organizational skills. Case manager approval is required for students with a current IEP to register.

SPECIAL EDUCATION RESOURCE MATH COURSES

EVERYDAY MATH

Course Number: 19302A & 19302B

Grade Level: IEP Determined

Credits: IEP Determined

Everyday Math is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to solve real-world problems. This class includes concepts from the standards-based areas of Number sense, computation, algebra and functions, geometry, measurement, and problem-solving. Examples of skills taught are understanding that clocks and calendars are tools that measure time, making direct comparisons of length, capacity, weight, the temperature of objects, and recognize which object is shorter, longer, taller, lighter, heavier, warmer, cooler or holds more, representing, comparing, and interpreting data using pictures and picture graphs and understanding the value of money and its use. Case manager approval is required for students with a current IEP to register.

RESOURCE FUNCTIONAL MATH

Course Number: 19304A & 19304B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Functional Math is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to solve real-world problems. This class includes concepts from the standards-based areas of Number sense, computation, algebra and functions, geometry, measurement, and problem-solving. Examples of skills taught are one-to-one correspondence, number recognition, grouping objects by attributes, comparing/contrasting by size, patterns, and relating time to events with pictures and symbols. Case manager approval is required for students with a current IEP to register.

RESOURCE MATH I

Course Number: 19310A & 19310B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Math I is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to real world problems. This class includes concepts such as: representation of whole numbers, using addition, subtraction, multiplication, and division to solve real world problems, comparing & ordering fractions with common denominators, identify parallel and perpendicular lines, calculating perimeter, collect and organize data, classifying angles, read and write decimals, interpret bar graphs, pictographs, and tally charts. Case manager approval is required for students with a current IEP to register.

RESOURCE MATH II

Course Number: 19311A & 19311B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Math II is a course developed for students who are currently on an IEP. This class teaches math skills and provides a foundation for the skills to be applied to real world problems. This class includes concepts such as: Divides multi-digit numbers, add, and subtract fractions and decimals, translate patterns and rules, apply commutative and associative properties, understand inequalities, classify for three-dimensional figures, create ratios and basic conversions among units within a measurement system. Case manager approval is required for students with a current IEP to register.

RESOURCE MATH III

Course Number: 19312A & 19312B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Math III is a course designed for students currently receiving special education services. This course teaches applied mathematics and provides a foundation for solving real-world problems. The class focuses on pre-algebraic concepts. This includes a study of number theory, rational numbers and fractions, using operations to evaluate and simplify expressions; ratios, proportions, and percentages; comparing positive and negative integers; exponents, square roots, and the Pythagorean theorem; and developing skills in data, statistics, and probability. Case manager approval is required for students with a current IEP to register.

RESOURCE MATH IV

Course Number: 19313A & 19313B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Math IV is a course designed for students currently receiving special education services. This course teaches applied mathematics and provides a foundation for solving real-world problems. The class focuses on algebraic and geometric concepts. This includes studying applications of algebra, performing basic operations with variables, exponents, and polynomials; factoring; graphing linear equations and inequalities on the coordinate plane; and relating algebra to geometry. Case manager approval is required for students with a current IEP to register.

CO-TAUGHT HIGH SCHOOL ALGEBRA I

Course Number: 19324A & 19324B

Grade Level: IEP Determined

Credits: IEP Determined

Co-Taught High School Alg I is a course that is taught by both a licensed Math teacher and a licensed special education teacher.

Co-Taught High School Alg I will include an algebraic introduction that builds upon the concepts taught in 8th Grade Algebra. High School Algebra I will include an algebraic introduction that builds upon the concepts taught in Introductory Algebra. Students will be working with real numbers, solving equations and problems, polynomials, factoring polynomials, algebraic fractions, applying fractions, introduction to functions, systems of linear equations, inequalities, rational and irrational numbers, and finally, quadratic functions.

CO-TAUGHT SENIOR HIGH MATH TOPICS

Course Number: 19326A & 19326B

Grade Level: IEP Determined

Credits: IEP Determined

Co-taught Senior High Math Topics will help you review and learn important concepts and skills related to high school mathematics. the course will include a wide variety of algebraic, geometric, and trigonometric topics that will help students increase their skills in preparation for future post-secondary entrance exams.

SPECIAL EDUCATION STUDY SKILLS & TRANSITION COURSES ---

CAREER SEMINAR II

Course Number: 19732A & 19732B

Grade Level: IEP Determined

Credits: IEP Determined

Careers Seminar II (11-12) is a semester course developed for upper-level high school students who are currently on an IEP who desire to pursue a post-secondary education or career training experience. Students will complete career and college-ready activities, set career and college-ready goals with timelines, explore personal disability areas, identify supports that enable students with diagnosed disabilities to prepare for postsecondary education and careers, and obtain information about postsecondary education costs and eligibility for financial aid and scholarship. Case manager approval is required for students with a current IEP to register.

RESOURCE WORK-BASED LEARNING

Course Number: 19734

Grade Level: 11-12

Credits: .5 Credit

Prerequisite or Concurrent Enrollment: Career Seminar II

Resource Work-Based Learning (R-WBL) is a semester-long course designed for upper-level high school students currently on an IEP who seek opportunities to build knowledge and apply skills in a professional work environment. Students will complete a work-based learning curriculum and participate in project-based activities at designated sites within the school building and at nearby organizations and businesses to deepen their understanding of personal career interests and further develop employment skills. The class will also provide opportunities for students and their families to meet with providers who support transitions to postsecondary education and employment, as well as to career opportunities outside the school setting.

Concurrent or prior enrollment in Career Seminar II is required. Case manager approval is required for student registration.

RESOURCE ORGANIZATION & STUDY SKILLS

Course Number: 19781A & 19781B

Grade Level: IEP Determined

Credits: IEP Determined

Resource Organization and Study Skills is a course developed for high school students who are currently on an IEP. This class focuses on work related skills such as being responsible, being prepared, using time wisely, planning for tests, and using technology. This course provides students time to complete classroom assignments and creates a foundation for success in future classes. Case manager approval is required for students with a current IEP to register.

SPECIAL EDUCATION PHYSICAL EDUCATION COURSES

UNIFIED PE LEVEL I

Course Number: 19610

Grade Level: IEP Determined

Credits: IEP Determined

Note: This course covers the PE graduation requirement.

Earn your Physical Education credit while developing important communication and leadership skills required to work successfully with students and peers with cognitive and physical disabilities. This course is designed for students who want to be a leader and mentor in the area of physical education and work with students with special needs. This will be an integrated Adapted Physical Education class with an inclusive mindset. Students will learn how to modify activities to meet the needs of all the students in the class. Students will have an opportunity to participate in physical education activities in a whole new way. Students will work together to support students with special needs, while at the same time participating in PE. This class will focus on community building, inclusion, and leadership through the lens of physical education.

Students need approval from the guidance office before registering for this course.



UNIFIED PE LEVEL II

Course Number: 19612

Grade Level: IEP Determined

Credits: IEP Determined

Note: This course covers the PE graduation requirement.

Earn your Physical Education credit while developing important communication and leadership skills required to work successfully with students and peers of all abilities. This course is designed for students who want to be a leader and mentor in the area of physical education and work with students with special needs. This will be an integrated class that will include students of all abilities. Students will have an opportunity to participate in physical education activities in a whole new way. Students will work together to support students with special needs, while at the same time participating in PE. This class will focus on community building, inclusion, and leadership through the lens of physical education.

Students need approval from the guidance office before registering for this course.



SPECIAL EDUCATION SCIENCE COURSES

SCIENCE LAB

Course Number: 19030A & 19030B

Grade Level: IEP Determined

Credits: IEP Determined

Science Lab is a Science Course developed for students who are currently on an Individualized Educational Plan (IEP). Case Manager approval is required for students with a current IEP to register. Some students will take this in addition to science and seem students will take this as a replacement for science.

INTEGRATED SOCIAL SCIENCE EXPLORATION

Course Number: 19032 A & 19032B

Grade Level: IEP Determined

Credits: IEP Determined

This course offers an engaging blend of social studies and science, designed to foster curiosity and critical thinking in a supportive learning environment. Students will explore the connections between human societies, cultures, and the natural world through hands-on activities, interactive projects, and real-world applications. Topics may include geography, history, environmental science, and the impact of scientific discoveries on society. Lessons are tailored to accommodate diverse learning needs, using visual aids, cooperative learning, and individualized supports to ensure all students can participate and succeed. This course encourages students to build life skills, develop a deeper understanding of the world, and become active problem-solvers in their communities. Case manager approval is required for students with a current IEP to register.

SPECIAL EDUCATION SOCIAL STUDIES COURSES

EVERYDAY ECONOMICS

Course Number: 19508

Grade Level: IEP Determined

Credits: IEP Determined

Everyday Economics is a course developed for students who are currently on an IEP. This class teaches skills based on the Minnesota economics standards. This class will focus on personal finance, budgeting, and practical economics. This class is designed to pair with Careers Seminar 2 to prepare students for independent living after graduating high school. This course will also work to develop skills in communication, problem-solving, inquiring, and critical thinking. Case manager approval is required for students with a current IEP to register.

EVERYDAY SOCIAL STUDIES

Course Number: 19505A & 19505B

Grade Level: IEP Determined

Credits: IEP Determined

Everyday Social Studies is a course developed for students who are currently on an IEP. This class teaches skills based on the Minnesota social studies standards. Minnesota social studies standards include concept areas of citizenship & government, economics, geography, and history. This course will also work to develop skills in communication, problem-solving, inquiring, and critical thinking. Case manager approval is required for students with a current IEP to register.

SPECIAL CIRCUMSTANCES

WORK PERMITS

Work permits may be available for students in grades 11-12 that are making satisfactory progress towards graduation and have an available study hall. Permission will be granted solely by the building principal.

CREDIT RECOVERY

Credit recovery opportunities are utilized for students that have taken a course but did not earn credit for any reason including a failing grade or loss of credit due to extensive absenteeism. These opportunities are not available for students that are trying to replace a course or earn credits more quickly.

Students may be eligible for additional credit recovery opportunities after school or during the traditional school day through supplemental online programs. Students should see their counselor for support in making credits up. Generally, the following practices will be in place for most students.

SUMMER SCHOOL

Students may be eligible for up to 1 credit (2 semester courses).

NIGHT SCHOOL

Students may be eligible for up to 1 credit (2 semester courses).
This is held at RRHS.

ONLINE CLASSES

In rare and special circumstances, online options may be available by speaking with your high school counselor.

WOLVERINES ONLINE

SOME COURSES ARE AVAILABLE TO BE TAKEN AS AN ONLINE CLASS THROUGH



ABOUT WOLVERINES ONLINE

- Open to any student enrolled in Rock Ridge Public Schools. Grades 3-12
- Flexible options to attend full-time or part-time, based on student needs
- Student remains eligible for athletics, clubs, and school organizations
- Courses are taught by Rock Ridge teachers who understand our students, families, and community
- In-person support is available at RRPS school sites for academic or technical help
- Integrated with the RRHS Career Academy model, connecting learning to future pathways

“Local teachers helping local students — Wolverines Online keeps education rooted in our community, where relationships, responsibility, and opportunity grow together.”

Together, we’re creating flexible, community-driven learning that ensures every student can succeed — anywhere, anytime.

Students interested in taking courses through Wolverines Online should reach out to a counselor for more information.

Questions regarding Wolverines Online can be addressed to Principal Scott Manni at Scott.manni@rrps.org – (218) 735 - 3501