

REGISTRATION HANDBOOK

2018-2019



"Home of the Falcons"

ACGC JR./SR. HIGH SCHOOL
27250 MN. STATE HWY 4
GROVE CITY, MN 56243
320-244-4730

ACGC Requirements

1. Four years language arts (8 credits)
2. Three years math (6 credits)
(Algebra, Geometry, Algebra II)
3. Three years science (6 credits)
(Physical Science, Biology, Chemistry)
4. Four years social studies (8 credits)
(US History, Geography, World History, Economics, Government/Civics)
5. 14 semester credits of elective courses (elective credits may only be taken once)
6. .5 year health (1 credit)
7. .5 year Phy Ed (1 credit)
8. 1 year fine arts (2 credits)
9. 1 semester Personal Finance, 1 semester Careers (2 credits)
(for Class of 2016 and beyond)

Weighted grades are calculated for placement on the Honor Roll and Class Rank. This weighting adds one full point to the grading of the class. (i.e. A = 4.0 normally, but a weighted A = 5.0) Required classes are not weighted. These are considered general population/all student courses and not considered advanced level courses.

ASSESSMENT REQUIREMENTS for ACGC

All students must participate in college and career readiness assessments as prescribed by state legislation.

Minnesota Statutes, section 120B.125

Planning for Students' Successful Transition to Postsecondary Education and Employment; Involuntary Career Tracking Prohibited. Legislation requires all students, starting in grade nine, to have a "plan" around seven key elements. The name for this plan will be **College and Career Readiness** (ACGC CCR) and include:

1. Academic scheduling
2. Career exploration
3. 21st century skills
4. Community partnerships
5. College access
6. Postsecondary training
7. Experiential learning opportunities

Starting with the 2014/15 school year the graduating class of 2016 will be required to take Careers and Personal Finance.

MINNESOTA ACADEMIC STANDARDS

According to Section 120B.024 of the 2003 legislative session, school districts are now required to offer the following course credits as a requirement of graduation.

Students in class of 2008 and all grades thereafter, must meet the following graduation requirements:

1. Four years of language arts (8 credits)
2. Three years of mathematics (6 credits)
(which includes Algebra, Geometry, Algebra II, which meets academic standards)
3. Three years of Science (6 credits)
(which includes one year of Biology)
4. Three and one half years of social studies (7 credits)
(US History, Geography, World History, Economics, and Government and Citizenship)
5. A minimum of 7 full years elective course credits (14 semester credits)
(one year must be in the arts which may be completed in band/choir)

SCHEDULE CHANGES

We realize that over the summer a few students may change their career and/or college plans and need to make adjustments to their schedule. This will be permitted, providing the class is being offered and seats are available in the class.

****If a change is needed, the student may come in the week preceding the beginning of the semester and visit with the School Counselor to see if it can be worked out. After the semester has begun a student will have three (3) class days to make schedule adjustments if the class does not meet their expectations or the teacher feels the class is inappropriate for the student. Year-long courses require a FULL YEAR COMMITMENT.***

College Credit Opportunities at ACGC

ACGC offers opportunities for students to earn college credit while in high school. Students must meet minimum qualifications established by the post secondary institution. To aid students in meeting these requirements, ACGC will offer the Accuplacer placement test annually prior to registration.

SMSU College Now Courses

1. College courses from SMSU are offered at ACGC and taught by ACGC faculty. To be eligible for College Now courses students must have a minimum GPA of 3.0 (on a 4 pt. scale) and be in the top 33% of their class if juniors or 50% of their class if seniors at the time of application. Sophomores may be eligible if they are in the top 10% of their class AND score in 90th% on a nationally normed test. If they do not meet these preset standards, they need to send in an appeal for consideration. Appeal information is available on SMSU's website or the ACGC School Counselor's office. Students that register for College Now courses may drop the course during the drop/add window the first 10 days of the course.
2. The College Now courses all meet the requirements of the Minnesota Transfer Curriculum and will transfer to any Minnesota public college or university. They will transfer in as "course specific" if that college has a comparable class. If not, the course will STILL transfer in as a "goal area" course. The College Now program is nationally accredited, so the courses SHOULD be accepted at any college or university in the country. However, students looking at colleges outside of a Minnesota public college or university will want to double check with that institution on their specific policies.

Online College in the High School

OCHS is a unique approach to concurrent enrollment. Through Distance Minnesota, 4 colleges have partnered to deliver a wide variety of courses online to students while still in high school. Special features of this program include:

- Courses are reserved for high school students.
- Courses will fit with any high school schedule.
- Support and academic services are available
- School district proctors/mentors have access to course grades and material

Eligibility requirements:

Seniors must meet minimum ACCUPLACER, ACT or SAT scores or meet or exceed the 10th grade MCA Reading Assessment standard. It is recommended students have a minimum cumulative GPA of 2.8.

Juniors must meet minimum ACCUPLACER, ACT or SAT scores or meet or exceed the 10th grade MCA Reading Assessment standard. It is recommended students have a minimum cumulative GPA of 3.0.

Sophomores must meet or exceed the 8th grade MCA Reading Assessment standard or may take the ACCUPLACER, ACT or SAT to qualify. Sophomores will be allowed to enroll in 1 Career and Technical Education course and if a grade of C or better is achieved may enroll again the following semester.

Articulated College Credit (ACC) with Ridgewater College

Why explore opportunities through Articulated College Credit (ACC)?

Articulated College Credit (ACC) means:

1. Earn Technical or Community college credits in grades 10-12
2. Stay in your own high school with your friends and the teachers you already know
3. Explore career opportunities through high school courses
4. Complete your college program sooner, save time and money
5. Choose a specific Technical or Community College career program or a major that may lead to transfer options to a university

How do I get Articulated College Credit?

1. If these classes fit your interests and career goals or if you want to explore the career field, register for one of these classes.
2. Then, ask your teacher how you can get Articulated College Credit

What do I do with the Articulated College Credit?

1. Download your ACC record at any time after you have completed your high school ACC course.
2. Bring the ACC record to one of the colleges listed and enroll in a career program or major.
3. Check with the college records office as they may have a procedure to follow.

Where can I use the credit?

1. Bring your printed ACC record when registering at a college listed on your certificate to receive the credit(s) earned. Other colleges MAY honor the credits.
2. You must always check with the college or university of your choice for specific criteria in a program or major – not all credits will move into all programs or majors.

PSEO

In order to enroll in PSEO classes:

- **Juniors** must be in the top one-third of their high school class and have a Cumulative GPA of 3.0.
- **Seniors** must be in the top one-half of their high school class and have a Cumulative GPA of 2.5.

PSEO participants may enroll in just one class or full time, depending on your personal goals and plans. Meet with Mrs. Geurts, School Counselor, for further information about PSEO.

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn college credit while still in high school, through enrollment in and successful completion of college-level courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution; some courses are offered online. Postsecondary institutions are not allowed to charge PSEO students for tuition, textbooks or support services. Students may be charged for equipment that becomes their property when the course or program is completed.

Most PSEO courses are only open to high school students during their 11th- and 12th-grade year, with each participating college and university setting their own requirements for enrollment into the PSEO courses and programs. Students may take PSEO courses on a full- or part-time basis, beginning in their 11th-grade year of high school.

Many two- and four-year colleges and universities in Minnesota offer online courses and some of them offer online degrees and certificates. Through the wide array of online courses offered in Minnesota higher education, it is possible for PSEO students in our state to complete the Minnesota Transfer Curriculum requirements and/or other courses that could result in an award in addition to their high school diploma.

By March 1 of each year, a district must provide up-to-date information on the district's website, and in materials that are distributed to parents and students, about the program—including information about enrollment requirements and the ability to earn postsecondary credit—to all pupils in grades 8, 9, 10, and 11. [Download suggested PSEO language for district websites and materials.](#)

Students must meet the PSEO eligibility requirements and abide by participation limits outlined in the [Postsecondary Enrollment Options \(PSEO\) Reference Guide](#). However, if a school district determines a pupil is not on track to graduate, she/he may continue to participate in PSEO.

PSEO for 10th Graders to take Career and Technical Education (CTE) courses

Legislation allows eligible 10th-grade students to enroll initially in one Career and Technical Education (CTE) course through PSEO. If the student earns a "C" or higher grade in this first course, she/he is eligible to take additional CTE courses while in 10th grade. In order to be eligible, a 10th-grade student must have met the proficiency level of "meets or exceeds" on the 8th-grade MCA reading test. If the student did not take the MCA, another reading assessment accepted by the enrolling postsecondary institution can be substituted.

The Minnesota Department of Education has developed a new Policy entitled: **Minnesota Department of Education Alternative Eligibility Options Policy for 10th Grade Students with a Disability who Wish to Participate in Career and Technical Education Classes through the Postsecondary Enrollment Options Program**. The Policy and written procedures are effective December 8, 2015. The Policy, Procedures, and the Model Modification Request Form can be found below.

How to Enroll in PSEO

Interested and eligible 11th- and 12th-grade students should contact the postsecondary institution to find out their eligibility requirements, which courses are offered and what the application process is at that institution. [Access the list of Participating Postsecondary Institutions 2015-2016](#) for a list of schools and their contact information. Interested and eligible public 10th-grade students should contact the postsecondary institution to find out which Career and Technical (CTE) courses are offered and what the application process is at that institution.

To assist the district in planning, students are required to inform their district of their intent to enroll in PSEO courses during the following school year by May 30. Students should seek guidance from their high school counselor to determine if PSEO is the right fit for them and their academic plan. Interested students must complete the [Postsecondary Enrollment Options Program Registration form](#).

Transportation Reimbursement for Qualified Students

Funds are available to help pay transportation expenses for PSEO students whose families are at or below the poverty level, as determined by the federal government, to participate in PSEO courses on college campuses. [View the Postsecondary Enrollment Options Mileage](#)

Reimbursement Program Instructions. If you have any questions regarding the mileage reimbursement for low-income students.

Early Graduation

MN Statute 120B.07

1. All courses or standard credit requirements must be met.
2. The principal or designee shall conduct an interview with the student and parent or guardian, familiarize the parties with opportunities available in post-secondary education, and arrive at a timely decision; and
3. The Principal's decision shall be in writing and may be subject to review by the Superintendent and the school board.

College Entrance Requirements

2-year state colleges

The two-year state community and technical colleges have an open admissions policy. This means:

- You can enroll if you have a high school diploma or a GED. Even without those, you may be admitted if you demonstrate potential for success in college.
- You don't have to take a standardized test to be admitted, and your high school grades and class rank are not considered.
- After you are admitted, you will take a placement test. That will tell you if you need to take remedial or developmental courses, which will not count toward a degree, before you can take college-level courses. Many students need just one developmental course, often in math or English. If you have taken a "college prep" curriculum in high school, you're more likely to do well on the test.

4-year state universities

The seven state universities generally will admit you as a first-year student if you can answer "yes" to at least one of these questions:

- Did you graduate in the top half of your high school graduating class?
- Did you score 21 or higher on the ACT standardized test?
- Did you receive a combined score of 1,000 or higher on the SAT standardized test?

Some of the state universities may ask you to meet slightly different requirements to be admitted. Check with the university admissions office for details. Even if you don't meet the minimum requirements, you may be considered for admission under special provisions.

NCAA REQUIREMENTS

High school eligibility requirements for NCAA Division I & II colleges/universities are:

Core Courses

- **NCAA Division I & II** require 16 core courses
- **NCAA Division I** will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements). These 10 courses become "locked in" at the seventh semester and cannot be retaken for grade improvement.

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA).
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are posted directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletic aid and practice on or after August 1, 2016, is 2.00
- **Division I** GPA required to be eligible for competition on or after August 1, 2016 is **2.3**
- **Division II** core GPA requirement is a minimum of 2.0. (remember, the NCAA GPA is calculated using NCAA core courses only)

For further information go to www.eligibilitycenter.org

Agribusiness and Natural Resources

Plant Science Course #107

- Grades 9-12
- 1 credit 1 semester
- Elective
- College Credit Certificate applies to those who qualify

Do you have “green thumb”? Are you interested in the “Feng Shui” of your home or outdoor living space? It all has to do with plants. We will learn about the basic functions of plants, growing methods, and their impact in the environment. Much of the class will be in the warming house from March to May as well as working on indoor plant activities. Students will learn about scientific application and management of growing plants and sell plants at the end of the school year. Careers related to this class include: Agronomist, Agricultural Engineer, Bio-Engineer, Botanist, Landscape Designer/Contractor and Greenhouse Owner/Manager.

(Class fees will occur for field trips, TBD)

Agronomy (Crop Science) Course #216

- Grades 9-12
- 1 Credit, 1 semester
- Elective

This course is designed for students who plan on post-secondary education in the horticulture, agronomy, or other plant science. Topics to be covered in this course will be plant reproduction, plant nutrition, managing agricultural soils, environmental factors, affect of plant growth, plant identification, integrated pest management, field crop and specialty crop production, and fruit and vegetable production. Specifically, the class would learn about common crops in our area (corn, soybeans, alfalfa, and small grains).

(Class fees will occur for field trips, TBD)

Food Science Course #334

- Grades 11-12
- 2 credits 1 year
- **This course will satisfy graduation requirement of Chemistry standards.**

Food science applies scientific concepts and procedures through a variety of hands-on laboratory activities and experiments focused on the principles of chemistry. Students will understand physical and chemical properties of food products and nutrients related to atomic structures, elements, chemical bonding, molecular structures and formulas, and concentrations. Students will study a variety of chemical reactions that occur in the processing and storage of food products. Students will describe the factors affecting rate of reactions as well as understanding the relationships between energy, motion of molecules, and states of matter in the development and improvement of food products, processing, and packaging. Careers related to this class include: Agronomist, Agricultural Engineer, Bio-Engineer, Food Inspector, Chef, Cook, Nutritionist, Physical Trainer etc.

(Class fees **will** occur for field trips and supplies, TBD at beginning of class)

Equine Science Course #259

- Grades 9-12
- 1 credit, 1 semester
- Elective

Are you interested in horses, horse care and horse management? Consider this specialty class, it offers a variety of topics, which include: selection of horses, anatomy and physiology, horse behavior and training methods, exercise, nutrition, healthcare, common diseases, genetics, breeding and stable management (no riding). Careers involved with this class include: Veterinarian, Veterinary Technician, Horse/Stable Manager, Horse Trainer, Agribusiness Manager and Farmer.

(Class fees will occur for field trips, TBA)

Introduction Veterinary Science Course # 173

- Grades 9-12
- 1 credit 1 semester
- Elective
- College Credit Certificate applies to those who qualify

Do you enjoy working with animals? Have you ever wondered what makes them tick? If you've considered a career in the veterinary field; consider this specialized class. These careers include: Veterinarian, Veterinary Technician, Veterinary Assistant, Herdsman, and Animal Producer/Farmer. Topics include: career planning and careers in veterinary field, animal welfare, animal handling, animal grooming, companion animals, livestock animals, office protocol, animal health care, animal emergencies, animal anatomy and physiology, medical terminology, zoonosis and diseases, animal nutrition, animal management. (Class fee will occur for field trips, TBA).

Ag Technology Course #106

- Grades 9-12
- 1 credit 1 semester
- Elective

Through the last century, agriculture changed because power technology changed. Through this class investigate power through electricity, hydraulic/pneumatic, ethanol fuels, and Agriculture Drone use. In this course students will discuss the following topics: career investigation, basic wiring, electronic circuits, reading and developing schematics, pneumatic & hydraulic power, gasoline vs. ethanol, and natural sources of power.(Class fee will occur for field trips, TBA)

Landscaping Course#248

- Grades 9-12
- 1 credit 1 semester
- Elective

Landscaping offers many skills in one course. It introduces basic plant care and preparing bedding plants. Students will plan and draw designs for a homeowner or a project for our school.This course will teach students to identify common plants and introduces estimation and implementation of landscape projects.

Most importantly, it consists of mostly hands-on learning while enjoying the outdoors. Some other topics include: career opportunities in landscaping, principles of landscape design, maintaining plants and trees, and turf management. Careers related to this class include: Agronomist, Agricultural Engineer, Bio-Engineer, Botanist, Landscaper. (Class fee will occur for field trips, TBA)

Ag Seminar Course #451

- Grades 9-12
- 1 Credit, 1 semester
- Elective

If you have an advanced interest in Agriculture, Ag Production, Natural Resources, Food Science, Leadership and Communications, this class offers you the freedom to fit your interest in Agriculture. Students will work independently toward agriculture standards of their interest with assistance from their instructor. Students will be required to complete a Supervised Agriculture Experience, such as an Agriscience research project. Students will coordinate and implement Agriculture Literacy Lesson Activity to share with elementary and middle school students. At the end of the term the student will present their agriculture project to their instructor and guests. Careers involved with this class include all agricultural careers.

Introduction to Agriculture Course #449

- Grades 9-10
- 1 credit 1 semester
- Elective

Introduction to Agriculture, Food, and Natural Resources is a beginning course designed to teach students about the world of agriculture. Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students will explore post-secondary and career opportunities in each area of the course. Students will incorporate leadership and communication skills while gaining knowledge about the science of agriculture (animal, plants, natural resources, and ag mechanics).

Art

Drawing Course # 167

- Grades 9-12
- 1 credit 1 semester
- Elective

This course covers the basic drawing skills that are needed to create individually creative works of art. Gesture drawing, automatic drawing, observational drawing, figure drawing, and contour drawing are just a few of the many drawing techniques we will cover. We will study, in depth, these different techniques that artists have spent centuries perfecting and you will learn how to utilize these skill sets in your own interpretations and ideas in your own drawings. Each student will keep a sketchbook to practice the new techniques we will cover in class and will later translate these into the larger scale assignments.

Painting Course # 146

- Grades 9-12
- 1 credit 1 semester
- Elective

This course covers the basic painting skills that are needed to create individually creative works of art. Color blending, color shading, working in a grayscale, and communicating texture are just a few of the many painting techniques we will cover. We will study, in depth, these different techniques that artists have spent centuries perfecting and you will learn how to utilize these skill sets in your own interpretations and ideas in your own paintings. We will work with a variety of paint types as well including tempera, acrylic, and watercolor.

Art 3D Course# 256

- Grades 9-12
- 1 credit 1 semester
- Elective

Projects include various clay methods such as coil, slab pinch and wheel thrown pottery as well as sculpting with clay. Students will also be introduced to sculpting methods including paper-mache, plaster, and found object sculpture.

Media Arts Course #485

- Grades 9-12
- 1 credit 1 semester
- Elective

This course introduces students to digital art forms. Current developments in technology and how it is used in the art world will be emphasized. Advertising, font design, photography, photo manipulation, developing/editing film and many other aspects of graphic design will be incorporated into this course.

Art Through the Ages Course# 4

- Grades 9-12
- 1 credit 1 semester
- Elective

Humankind has been making art for thousands and thousands of years. While styles and techniques have evolved and developed, one thing has stayed the same: Art has remained an innate form of communication and expression. This class focuses on the history of art from the early cave paintings dated back to the Paleolithic Stone Age all the way up to current expansions in an ever increasing technological world. We will be learning about different style periods along the timeline of art history by creating authentic projects based on each particular culture and style.

Fee: \$15.00

SMSU College Now Art 100 Course#168

- Qualifying Seniors and Juniors (top 50%, GPA 3.0)
- 1 high school credit, 3 college credits
- 1 semester
- Elective
- Weighted

This course is designed to introduce high school students to the attitudes and philosophies that relate to creative production in the visual arts and to help develop a positive attitude to the arts through the study of theory, styles of art history, structure and periods of art, combined with an active art gallery program and a variety of studio projects. Art projects will be judged on creative intent and fulfillment, not on “artistic” ability. The College Now version of this art course helps students develop the creative thinking skills, expressive abilities, and self management needed in the college setting.

Folk Art Course#395

- Grades 9-12
- 1 credit 1 semester
- Elective

Folk Art explores artistic traditions that define the identity of communities. Through both decorative and functional art pieces cultural identity is explored and established. In the Folk Art course we will be taking a look at both local and global artwork that has created and locked in values and traditions in different communities and cultures. Beyond studying different kinds of folk art we will be creating our own artworks inspired by this diverse topic of everyday art in many different media including cloth, wood, paper, clay etc.

Art Cultures Course # 396

- Grades 9-12
- 1 credit 1 semester
- Elective

This course focuses on ancient and modern global studies of cultures, the art that is created in them, and the impact this art has had on the world. Each unit we cover will include an extensive study of different art forms from cultures ranging from Egyptian, Ancient Greek and Roman, African, Japanese, Native American etc. As we develop an understanding of each culture we will reinforce our knowledge by creating projects inspired by these areas of the world. In addition to the different geographical cultures and their art, we will study cultures within groups of people and how art is a vehicle for expression.

Modern and Contemporary Art Course # 339

- Grades 9-12
- 1 credit 1 semester
- Elective

Have you ever looked at a modern or contemporary work of art and wondered what the artist was thinking while making such a piece? How an artist could splatter paint all over a giant canvas and how it can now hang in a museum and is worth millions of dollars? This class will answer those questions as well as give you an idea of the timeline in art history which led to this sort of art becoming part of popular culture and why so many people love - and question - its value. In addition to studying the art styles and the artists who brought them to life, we will be making our own artworks inspired by the modern and contemporary styles.

European Art Course # 437

- Grades 9-12
- 1 credit 1 semester
- Elective

This course focuses on the highlights of European art history and the artists that have created some of the world's most treasured masterpieces. Rembrandt, Michelangelo, da Vinci and more will be focused on in this class and we will be creating artworks inspired by the spirit of their style.

Business

Accounting Course# 74

- Grades 11-12
- 2 credits 1 year
- Elective
- Articulated with Ridgewater College

Accounting is the language of business and is used in all businesses, schools and public and private sector industries. This year long course uses an automated online accounting system and Quickbooks to simulate the workplace environment and teach accounting procedures and principles for sole proprietors, partnerships and corporations. Topics covered include accounting for payroll, inventory, purchases, sales, asset management and financial statements. This course is highly recommended for anyone interested in pursuing an accounting career, a career in any business field, farming and business ownership.

Career Planning Course# 306

- Grade 11
- 1 credit 1 semester
- Required

This course is all about YOU as you prepare to transition from highschool to adult life, college and the world of work. Students will complete self-assessments and interest inventories that analyze personal interests, characteristics and skills and then match students to career pathways that are likely to be personally fulfilling careers. Students will research careers and college programs and participate in a job shadowing opportunity. Job-search activities include résumé writing, interviewing, and composing career-related correspondence. Each student creates an online portfolio in the MN Career Information System which contains a wealth of career and college information.

Personal Finance Course #514

- Grade 11
- 1 credit 1 semester
- Required

Understanding financial management concepts is an important life skill for students to learn at a young age in order to build wealth and avoid excessive debt as adults. Units on saving and spending, credit and debt, employment and income, investing, risk management and financial decision making help students understand the consequences of their choices. Students will leave this course with a thorough understanding of financial concepts gained through practical applications, activities, projects and guest speakers.

Business Principles Course# 83

- Grades 10-12
- 1 Credit 1 Semester
- Elective

Understanding business basics is essential for ALL careers. This course will give you a broad exposure to business activities including communication, entrepreneurship, ethics, management, marketing, office procedures and more. This is a blended learning course, a combination of face-to-face and digital instruction provided in a modern learning environment.

Marketing Mania Course #86

- Grades 10-12
- 1 Credit 1 Semester
- Elective

Students will explore the principles of marketing and potential career opportunities by delving into a variety of interesting areas like social media marketing, or the glittery, multi-billion dollar sports and entertainment industry or the trillion dollar industry of travel and hospitality. This is a blended learning course, a combination of face-to-face and digital instruction provided in a modern learning environment.

Leadership Principles Course#115

- Grades 10-12
- 1 Credit 1 Semester
- Elective

This course teaches how to be an effective leader and develop your own personal leadership style. Students will compare and contrast the differences between leadership and management. Additional concepts include goal setting, mission and vision statements, motivation, team building, time management, conflict resolution, dealing with change, communication, ethics, diversity and much more. This is a blended learning course, a combination of face-to-face and digital instruction provided in a modern learning environment.

Advanced Technology Zone Course #85

- Grades 10-12
- 1 credit 1 semester
- Elective

This hands-on, project-based course provides a sampling of various applications, software and other technology that is used in college and the work world. Students will increase their keyboarding skills, use Microsoft industry standard software, code and create blogs and websites and explore electronics, sustainable energy technologies, and robotics. This is a blended learning course, a combination of online learning and direct instruction from the teacher.

Creating Entrepreneurial Opportunities (KCEO) Course #66

- Grades 11-12
- 4 high school credits, 3 college credits
- 1 year
- Elective
- May be used as credits for Economics, Career Planning and Personal Finance.

There are many complex concepts embedded in this curriculum. Students are highly motivated to grasp them, as they are essential to their success in starting their own businesses. These concepts are learned by doing and with the expertise and assistance of community business partners who invest their time and money to provide this experience to the students. At the end of the CEO course students are expected to be able to:

- Create and Demonstrate an effective business plan
- Demonstrate effective communication and collaboration skills
- Demonstrate their understanding of appropriate professional attire
- Compare and contrast a wide variety of businesses
- Interact with business owners, community leaders and class guests
- Execute the creation of a small business.

Students will:

- Write weekly journals
- Interact each week with local business and community leaders
- Observe local businesses in operation
- Actively participate in a class business
- Schedule, plan and work together at various local events
- Communicate and interact with their business mentor
- Start their own business

- Present their business at the CEO trade show

Ridgewater College does not originate this course but will grant 3 college credits to participants.

Diversified Occupations Seminar/ On-The-Job Training Course # 459

- Grades 11-12
- 1 credit 1 semester
- Elective
- Prerequisite - Career Planning

This course is part of a formalized, collaborative work-based learning program consisting of instruction concurrently at school and a worksite. Students spend 1-2 hours of the school day at the work-site and must work a minimum of 10 hours per week. This program prepares students for success in the workforce and builds knowledge, job skills and career awareness. Students must apply and interview for participation in the program. A written agreement and training plan is required between the school, employer, student and parent/guardian

Computer Science

Computer Coding I Course #225

- Grades 9-12
- 1 credit 1 semester
- Elective

The iPhone®, iPad®, Android™ OS, Facebook®, Google Maps, computers, robots all run on software applications. Programming, scripting, coding, and knowing how to solve problems are some of the most essential skills of the digital age. Jobs in “software architecture” are predicted to show an impressive 10-year growth rate of 34%, and are the top-ranked industry category, according to CNN Money. Want to learn the building blocks behind it all? This course provides students with an introduction to computer coding and programming in a project-based, individualized environment.

Computer Coding II Course #226

- Grades 9-12
- 1 credit 1 semester
- Elective

This course is a continuation of Computer Coding I. Students will be able to dive deeper into the world of computer coding and programming, through project-based, individualized learning.

ITV Courses

GERMAN I Course #20

- Grades 10-12
- 2 credits 1 year
- Elective

Academic skills developed: An introduction to reading, writing, listening and speaking German. We will learn to apply the culture, lifestyle and basic survival skills needed to communicate in the German speaking world. Class activities may include speaking in pairs, group skits, singing and holiday celebrations. The student will be expected to keep a performance portfolio of their written/oral work.

Topics introduced: Greetings, farewells, alphabet, counting 0-20, verb-subject conjugation, German schooling, time-telling, transportation, free-time activities, housing, family trees, the airport, banks, using the phone, weather, shopping skills, music, movies, museums, and buying clothes.

Textbooks/Resources: Neue Freunde

GERMAN II Course #21

- Grades 11-12
- 2 credits 1 year
- Prerequisites German I
- Elective

Academic skills developed: An intermediate course aimed at improving proficiency in the four language skills. Strong emphasis will be placed on grammar, communicative expression and conversation. Class activities may include dialogues, portfolios, presentations, and computer grammar skills.

Topics introduced: Conversational past tense, health, nutrition, exercise, rural and urban housing, spending money, buying fashionable clothing, leisure time, vocational plans, planning a class trip to a German city, and going to theaters, restaurants and the opera.

Textbook/Resources: Wir, die Jugend

American Sign Language I (Pine Tech) Course #349

- Grades 11-12 (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective

This course introduces the fundamentals of American Sign Language (ASL) used by the Deaf Community, including basic vocabulary, syntax, fingerspelling, and grammatical non-manual signals. Questions, commands, and simple sentences are covered, leading to basic conversational skills. Students will gain cultural knowledge and increased understanding of the Deaf Community. Minimum students: 2

American Sign Language II (Pine Tech) Course #350

- Grades 11-12 (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective

This course continues to develop the basics of the American Sign Language (ASL) and the building of both expressive and receptive vocabulary. Students will develop the communicative competencies in the language focusing on skills including temporal sequencing, spatial agreement and object identification through description. Basic storytelling skills will be introduced. Study of Deaf Culture is continued.

American Sign Language III (Pine Tech) Course #504

- Grade 12 (Seniors top 50%)
- 1.5 high school credits, 3 college credits
- 1 semester

Elective This course expands the communicative range developed in LASL 1265 American Sign Language II to talk about people and places in a contextually-reduced framework. Students will learn to describe places, objects, and events. In addition, students will develop basic narrative skills to tell about past events.

Through in-class discussions/demonstrations, media and course readings, students will be exposed to elements of the Deaf community and culture.

American Sign Language IV (Pine Tech) Course #506

- Grade 12 (Seniors top 50%)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective

This course is a continuation of LASL 2270 American Sign Language III and increases the emphasis on abstract and challenging conversational and narrative range. Students will learn basic classifier usage; receptive and expressive coursework; broader sign vocabulary and grammatical structure; various aspects of deaf culture and cultural behavior rules.

English / Language Arts

English 9 course #3

- Grade 9
- 2 credits 1 year
- Required

This required course for freshmen involves the study of various literature and writing units. Writing tasks will focus on paragraph and essay development. Literature units will include short stories, drama (Romeo and Juliet), nonfiction, poetry, and the novel (To Kill a Mockingbird). Independent reading is also required. Students will also study grammar, usage, mechanics, and vocabulary.

English 10 course #5

- Grade 10
- 2 credits 1 year
- Required
- Prerequisites: English 9

This required course for all sophomores will focus on a variety of themes as seen in several genres of literature. Students will read and analyze poetry, nonfiction works, short stories, legends, novels, and plays. We will read ancient texts as well as modern works. Students will be required to write several types of compositions including a research paper. They will also study grammar, usage, mechanics, and vocabulary.

American Literature course #6

- Grade 11
- 1 credit 1 semester
- Required
- Prerequisites: English 10

This required course for Juniors considers various genre by American authors. Typically we will address and discuss short stories, novels, drama, and nonfiction from the colonial period through Romanticism to contemporary time frames. In addition to textbook reading assignments, students will be completing various independent novel readings and writing projects. Lastly, students will improve vocabulary through contextual reading. Students may be reading such works as The Crucible, The Scarlet Letter, The Great Gatsby, and local readings from regional authors.

Composition 11 course #154

- Grade 11
- 1 credit 1 semester
- Required
- Prerequisites English 10

Our focus in this class will be preparing students for the kinds of writing tested on standardized tests such as the ACT and introductory courses at two-year and four year colleges with an emphasis on research and expository writing as well as refining grammar, voice, and style in written compositions.

Literature 12 course #9

- Grade 12
- 1 credit 1 semester
- Required
- Prerequisite: American Literature

Through a study of contemporary writers, students will analyze the structure and style of novels as well as the development of themes across various pieces of literature. Assignments will focus on literary analysis

through papers and presentations in preparation for college literature classes at two-year and four year colleges.

College Now Intro to World Literature 120(SMSU) course #9

- Qualifying Seniors (top 50%, GPA 3.0)
- 2 high school credits, 4 college credits
- Weighted
- Prerequisite: American Literature
- This course meets the graduation requirement of 12th grade literature

This literature class focuses on the collegiate level analysis of various pieces of World Literature in accordance with the 3 syllabus and assessment rubrics from Southwest Minnesota State University. Students will read short stories, plays, novels and poetry. Papers will be submitted to Southwest Minnesota State University for evaluation.

Speech course #8

- Grade 12
- 1 credit 1 semester
- Required
- Prerequisite: Composition 11

This required course addresses various issues surrounding communication. The emphasis of this class is largely speech preparation and delivery. Coursework also includes aspects of written communication. Students will be required to submit written essays and evaluations and will be required to complete writing projects. Small group, gender, and multicultural communication may also be addressed. Lastly, students will critically evaluate speeches and the language of propaganda for communication techniques. This course fulfills Minnesota ELA state standard requirements for speaking and listening for 11th grade.

Journalism and News Media course # 573

- Grades 11 and 12
- 1 credit 1 semester
- Elective

Students will study basic concepts of interviewing, reporting and video production as well as principles of journalistic integrity and media literacy. Students will apply their skills in production of actual news media that will culminate in a video broadcast to be shared with the student body on a regular and consistent basis throughout the semester. As time permits students will study other forms of media, their sources, influences and methods of production.

College Now English 151- College Composition (SMSU) course #151

- Qualifying Seniors (top 50%, GPA 3.0)
- 2 high school credits, 4 college credits
- Weighted
- Prerequisite: Composition 11
- This course meets the graduation requirement of 12th grade Composition

This writing class focuses on the development of college level writing, grammatical skills and research. Students should be prepared to journal, reflect, and evaluate through the semester. Papers will be submitted to Southwest Minnesota State University for evaluation.

ITV Courses

GERMAN I Course #20

- Grades 10-12
- 2 credits 1 year
- Elective

Academic skills developed: An introduction to reading, writing, listening and speaking German. We will learn to apply the culture, lifestyle and basic survival skills needed to communicate in the German speaking world. Class activities may include speaking in pairs, group skits, singing and holiday celebrations. The student will be expected to keep a performance portfolio of their written/oral work.

Topics introduced: Greetings, farewells, alphabet, counting 0-20, verb-subject conjugation, German schooling, time-telling, transportation, free-time activities, housing, family trees, the airport, banks, using the phone, weather, shopping skills, music, movies, museums, and buying clothes.

Textbooks/Resources: Neue Freunde

GERMAN II Course #21

- Grades 11-12
- 2 credits 1 year
- Prerequisites German I
- Elective

Academic skills developed: An intermediate course aimed at improving proficiency in the four language skills. Strong emphasis will be placed on grammar, communicative expression and conversation. Class activities may include dialogues, portfolios, presentations, and computer grammar skills.

Topics introduced: Conversational past tense, health, nutrition, exercise, rural and urban housing, spending money, buying fashionable clothing, leisure time, vocational plans, planning a class trip to a German city, and going to theaters, restaurants and the opera.

Textbook/Resources: Wir, die Jugend

American Sign Language I (Pine Tech) Course #349

- Grades 11-12 (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective

This course introduces the fundamentals of American Sign Language (ASL) used by the Deaf Community, including basic vocabulary, syntax, fingerspelling, and grammatical non-manual signals. Questions, commands, and simple sentences are covered, leading to basic conversational skills. Students will gain cultural knowledge and increased understanding of the Deaf Community. Minimum students: 2

American Sign Language II (Pine Tech) Course #350

- Grades 11-12 (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective

This course continues to develop the basics of the American Sign Language (ASL) and the building of both expressive and receptive vocabulary. Students will develop the communicative competencies in the language focusing on skills including temporal sequencing, spatial agreement and object identification through description. Basic storytelling skills will be introduced. Study of Deaf Culture is continued.

American Sign Language III (Pine Tech) Course #504

- Grade 12 (Seniors top 50%)
- 1.5 high school credits, 3 college credits
- 1 semester

Elective This course expands the communicative range developed in LASL 1265 American Sign Language II to talk about people and places in a contextually-reduced framework. Students will learn to describe places, objects, and events. In addition, students will develop basic narrative skills to tell about past events.

Through in-class discussions/demonstrations, media and course readings, students will be exposed to elements of the Deaf community and culture.

American Sign Language IV (Pine Tech) Course #506

- Grade 12 (Seniors top 50%)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective

This course is a continuation of LASL 2270 American Sign Language III and increases the emphasis on abstract and challenging conversational and narrative range. Students will learn basic classifier usage; receptive and expressive coursework; broader sign vocabulary and grammatical structure; various aspects of deaf culture and cultural behavior rules.

Mathematics

Algebra 2A Course #50

- Grades 9 and 10
- 2 credits 1 year
- Required
- Prerequisite: Algebra

Algebra IIA will cover probability, algebraic expressions and equations, linear functions and models, and exponential functions and models. This course will reinforce and expand upon ideas learned in Algebra.

Geometry Course #44

- Grade 10
- 2 credits 1 year
- Required
- Prerequisite: Algebra

This course introduces the basic concepts of Geometry, including points, lines, angles, polygons and polyhedrons. Other topics include: if - then statements, transformations, congruence, similarities and measurement formulas.

Fees/Materials: protractor, compass

Algebra 2B Course #51

- Grade 11
- 2 Credits 1 Year
- Required
- Prerequisite: Algebra 2A

Algebra IIB will pick up where Algebra IIA left off. Topics of study will include quadratic functions and models, systems of equations and inequalities, and statistics. We will continue to deepen our understanding of algebra topics in this course and reinforce connections with Geometry concepts.

Functions, Statistics, & Trigonometry Course#45

- 11-12 Required or Elective
- 2 Credits 1 Year
- Prerequisites Algebra 2B
- Weighted

This course will bring together what you have learned in previous courses. If you are planning on going on to any area in which mathematics is encountered, it is likely that this course is for you. A thorough knowledge of functions and trigonometry is needed for calculus, an area of mathematics that is fundamental in engineering the physical sciences. Statistics is a requirement for anyone who plans to major in the social sciences or business.

Fees/Materials: Graphing calculator

College Now Calculus (SMSU) Course #49

- Qualifying Seniors (top 50%, GPA 3.0)
- 2.5 high school credits, 5 college credits
- 1 Year
- Weighted
- Prerequisites: Functions, Statistics and Trigonometry or College Algebra and Special Functions
- Elective

This is a Calculus I course offered through the College Now program at Southwest Minnesota State

University. Upon successful completion of the course, the student will have earned 5 college credits from SMSU and will be prepared for Calculus II at most colleges.

College Now College Algebra (SMSU) Course #47

- Qualifying Seniors and Juniors (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Weighted
- Required for some students
- Prerequisites: Geometry and Algebra IIB

This course is for any college bound senior that is not totally decided on a major and would like to strengthen their math skills before graduation. College Algebra is a college style course in a high school setting, offered through the College Now program at Southwest Minnesota State University.

College Now Special Functions (SMSU) Course #342

- Qualifying Seniors and Juniors (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Weighted
- Prerequisites: Geometry and Algebra IIB
- Required for some students

This course is for any college bound student that would like to strengthen their math skills before graduation. Special Functions is a college course covering Trigonometry, Logarithms, and Geometric functions.

Statistics Course # 492

- Grades 11 and 12
- 1 high school credit
- 1 semester
- Weighted
- Elective

This course is designed to apply analysis skills to test the reliability of data. Some of the topics include:

-Data Analysis

-Probability

-Standard Deviations and Area under the Curve

-Hypothesis Testing

-Scatterplots and Regression

-Confidence Intervals

This is a great course to prepare you for college where Statistics is often required.

College Math Prep Course #251

- Grades 11 and 12
- 1 credit 1 semester
- Elective

This course will help students build a solid foundation for future college level math courses. Students will also prepare for the ACT Math test and the Accuplacer.

Music - Band & Choir

Music is among the oldest forms of human artistic expression. In a world of rapidly expanding technology and information, we reaffirm our own humanity through the arts. Through creating and performing works of music, we express our feelings and emotions, reflecting and reacting to the changing world around us. The Music Department offers students courses designed to help them develop as artistic performers while gaining a life-long appreciation for the arts and an understanding of the important role artistic expression continues to play in our culture.

All courses are offered as elective choices for students. Band and/or Choir class will meet the Fine Arts requirement. College admission counselors view arts coursework as an indicator of a well-rounded student. Long term success in band or choir programs often demonstrates the discipline and commitment necessary to succeed in college and in the workforce.

Concert Choir Course #137

- Grades 9-12
- Full time 2 credits 1 year
- Half time 1 credit 1 year
- Elective

Concert Choir is the auditioned ensemble open for all 9-12 students who have the desire to develop their vocal technique, perform with poise as a soloist or ensemble, and learn to sight read and sing expressively. The student will develop the art of singing expressively by using correct breathing, diction, phrasing, intonation, balance and rhythm, thus developing the "inner discipline" necessary to be a good singer. The course will include voice lessons. A balanced ensemble will be necessary for a good choral sound. All students are encouraged to participate in solos or ensembles as part of the performance grad. standards. Attendance at concerts, contests and other music related events is required.

Varsity Choir Course#401

- Grades 9-12
- 2 credits 1 year
- Elective

Varsity Choir is one of 2 ACGC choirs for grades 9-12. While the Concert Choir is for students desiring high quality performances and high commitment, Varsity Choir is for students who new to choral singing and may not be able to commit to a Concert Choir schedule. Young talented singers that want to try choir are encouraged to take this class.

Music Theory Course#242

- Grades 9-12
- 1 credit 1 semester
- Elective

Music Theory is a study of how and why music works. Topics will include scales, pitch names, rhythms, intervals, chords, chord progressions, tonal relationships, melody, harmony, timbre, word painting and counterpoint. While studying the elements of Music Theory students will simultaneously be working on composition projects to showcase what they are learning and how they are able to apply their knowledge to their own musical compositions.

Senior High Band Course #142

- Grades 9-12
- 2 credits 1 year
- Elective
- Prerequisite: Junior High Band

This course is open to students who have completed the Jr. High Band program requirements and have the

interest and desire to continue their instrumental musical studies. This course will further develop the student's individual and ensemble performance skills using a wide variety of band literature. Seating will be done by audition, not by grade. The course will include band lessons held on a rotational basis. In addition to required participation in formal concerts, band members are required to participate in large group contests and pep band. Members may also choose to be involved in other performance groups such as jazz band. In fulfillment of the performance graduation standard, members also have the opportunity to perform in solo and ensemble contests.

Fees: \$25 rental of school instrument (if necessary)

Percussionists must own a pair of snare drum sticks. They are available at most music stores or see Mrs. Hanson.

The Pass/Fail option is available for band or choir students in grades 9-12 who are maintaining a 4.0 GPA. Those students must get the necessary paperwork from the school counselor. <Board approved 11-99>

Phy. Ed. / Health

Physical Education and Health challenge students to strive toward their optimal potential physically and mentally. Every student is capable of reaching a healthy level of fitness and wellness which fosters positive self worth and assurance. The physical education/health experience promotes opportunities for development of acceptable social interaction, teaching students to respect diversity and the uniqueness and dignity of others. Through active participation in a variety of enjoyable activities, the learner acquires knowledge and skills which provide the foundation for lifelong commitment to physical activity and wellness.

Physical Education 9 course #122

- Grade 9
- 1 credit 1 semester
- Required

Students will participate in team sports. Students must be able to explain and demonstrate rules, strategies, etiquette, motor skills, and team-building skills of physical activities.

Health course #128

- Grade 9
- 1 credit 1 semester
- Required

Besides demonstrating knowledge in the six core areas, students will investigate community health and learn to identify options for specific issues.

Personal Fitness I course #271

- Grades 10-12
- 1 credit 1 semester
- Elective

This class is designed to be a practical introduction to personal fitness. It will help students identify aspects of their life they can improve to make their level of wellness better. The classroom work will focus on creating a personal wellness portfolio. This will include evaluating current levels of conditioning. Students will also be asked to examine their family history of disease. The final concept to be added to the personal wellness portfolio will be personal goals for the semester. Personal Fitness I and 2 can be taken in any order.

Personal Fitness 2 course #274

- Grades 10-12
- 1 credit 1 semester
- Elective

Personal fitness 2 is a class created to provide safe, practical, fitness and nutritional advice. Personal Fitness II has a weight room focus. Technique and safety are key but workouts are built individually. The classroom portion of this class deals with the function of the muscles. Personal Fitness I and II can be taken in any order.

Individual and Dual Sports course#261

- Grades 10-12
- 1 credit 1 semester
- Elective

This course will explore many activities available to enjoy on an individual level and with a partner. Examples may include golf, frisbee golf, badminton, pickleball, archery, horseshoes, bowling, skiing, fishing, hiking and many others!

Team Sports: course # 476

- Grades 10-12
- 1 credit 1 semester
- Elective

This is a fun class if you enjoy team sports and working with others in a team setting. Activities may include but are not limited to: basketball, soccer, football, softball, broomball, volleyball etc.

Science

Physical Science 9 course#26

- Grade 9
- 2 credits 1 year
- Required

Science 9 is a course that covers introductory chemistry and physics as well as intermediate earth science topics. Emphasis is given to proper use of laboratory equipment, problem solving methods and analysis of the results of investigations.

Biology course# 28

- Grade 10
- 2 credits 1 year
- Required

Biology is a course that explains the levels of organization, from the biosphere to molecules. Understanding how the human body maintains homeostasis and how we make antibodies to fight pathogens are discussed. We examine genetics and investigate evolutionary evidence.

Chemistry course#30

- Grade 11
- 2 credits 1 year
- Required

Chemistry is a challenging course in which the students will study the interactions and changes of matter in our everyday world. A good problem solving background is needed, but a curiosity of the known and unknown is the most important trait for enrolled students.

Physics course#32

- Grades 11-12
- 2 credits 1 year
- Elective
- Weighted
- Prerequisite: Completion or current enrollment in Chemistry

Physics is a challenging course in which students will study motion & energy within our everyday world. This course not only gives students an opportunity to expand their problem solving skills, but also links them to real-life situations.

Fees: Purchase ticket to Valley Fair

Human Anatomy & Physiology course#31

- Grades 11-12
- 2 credits 1 year
- Elective
- Weighted
- Prerequisite: Biology

Human Anatomy is the study of the structure and function of the human body. The structure of tissues and organs will be studied along with each organ system. Students considering a science or nursing career will benefit by taking this course.

Fee: The cost of a cat to dissect.

Forensics course#363

- Grades 10-12
- 1 credit 1 semester
- Elective

Forensics is a course designed for students interested in making real life applications of their current science knowledge. Students will be studying crime scene investigation, and the many branches of science needed to solve crimes. This will be a "hands on" laboratory based course. Students will be expected to solve a mock crime scene as a final project at the end of the semester.

Zoology course #456

- Grades 9-12
- 1 credit 1 semester
- Elective

Zoology is the study of animal biology. In this course students will study the major divisions of the animal kingdom. Students will study anatomy and physiology, classification, identification, as well as some dissections. We will also look at the life histories of groups of animals and relate it to the success of the groups. (Lab fee)

Nutritional Science course #298

- Grades 11-12
- 1 credit 1 semester
- Elective
- Prerequisite - Chemistry (or may take concurrently with Chemistry)

Have you ever wondered what happens in your body when you eat a vegetable or a candy bar? In this course, students will investigate the chemistry and physiology of nutrients and the human body, as well as how physical activity is affected by nutritional choices. Class will be a combination of activities, research, readings, projects, labs, field trips, and group work, all while integrating the use of technology whenever appropriate.

College Prep Chemistry course #241

- Grade 12
- 1 credit 1 semester
- Elective
- Prerequisite - Chemistry

This course will help students build a solid foundation for future college level chemistry courses. Students will also prepare for the ACT Chemistry test and college chemistry placement exams.

The Big Bang Theory - High School Edition course#390

- Grades 9-12
- 1 credit 1 semester
- Elective

This class will look at the everything that we see in the sky, both day and night, including constellations, planets and rare astronomical and atmospheric phenomena. Students enrolling in this course will study why the stars appear to move, the Big Bang Theory, and many other celestial topics.

This class would satisfy the following MN Science Standards: 9.1.1.1.7, 9.3.3.2.1, 9.3.3.2.2, 9.3.3.2.3, 9.3.3.3.1, 9.3.3.3.2

Natural Disasters course#420

- Grades 9-12
- 1 credit 1 semester
- Elective

This class will look at natural disasters that occur on Earth. Students will take an in-depth look at earthquakes, volcanoes, tornadoes, hurricanes, floods, climate change, astronomical threats and how our weather and atmosphere has made life possible on Earth.

This class would satisfy the following MN Science Standards: 9.1.1.1.7, 9.3.1.1.1, 9.3.1.1.2, 9.3.1.1.3, 9.3.1.1.4, 9.3.1.1.5, 9.3.2.1.2, 9.3.2.2.2, 9.3.4.1.1, 9.3.4.1.2

MN Earth Science course #13

- Grades 9-12
- 1 credit 1 semester
- Elective

This class will look at how Minnesota was formed through many Earth Science processes including volcanic activity, glaciation, past oceans, and tectonic plate activity. Students will take an in-depth look at how volcanoes formed the North Shore, glaciers shaped a large chunk of Minnesota including the lake and our gravel pits, how oceans helped shape southeastern Minnesota, and how the Iron Range was formed among many other topics. We will also explore how humans have impacted and changed our landscape.

This class would satisfy the following MN Science Standards: 9.1.1.1.7, 9.1.3.2.1, 9.3.1.1.1, 9.3.1.1.2, 9.3.1.1.4, 9.3.1.3.1, 9.3.1.3.2, 9.3.2.1.2, 9.3.2.2.2, 9.3.2.3.1, 9.3.4.1.1, 9.3.4.1.2

MN Field Science course #14

- Grades 9-12
- 1 credit 1 semester, Fall Semester
- Elective (Limit number of student due to transportation?)

This class will be an interactive and exploratory class with the landscape around ACGC. We will go to the Acton WPA, Grass Lake WPA, and Hanson Lake WPA. There, studies on how the landscape was shaped by glaciers will occur along with how water flows and/or stays through those areas. We also will look at gravel pits and study them as well. The school grounds also contains a lot of potential for studies as to why the grounds do not drain very well because of the soil make-up. We could also study the new tiling project and the implications of it.

This class would satisfy the following MN Science Standards: 9.1.1.1.3, 9.1.1.1.5, 9.1.1.2.1, 9.1.3.1.1, 9.1.3.1.2, 9.1.3.1.3, 9.1.3.3.2, 9.1.3.3.3, 9.1.3.4.3, 9.3.1.1.4, 9.3.1.3.2, 9.3.2.2.2

Social Science

Government & Citizenship course #62

- Grade 9
- 2 credits 1 year
- Required

This course introduces our young people to American citizenship and the rights and responsibilities associated with it in a free and democratic society. Students will also learn about the foundations and structure of American Government and our role in world relations.

American History course #63

- 2 credits 1 year
- Grade 10
- Required

This course will cover key concepts, events, and people in the historical development of the United States. We will trace significant themes through our nation's history including documents, technological change, people and the US as a world partner.

World History course #65

- Grade 11
- 2 credits 1 year
- Required

From the dawn of civilization thousands of years ago to the modern era of global interaction and development, World History covers the story of humankind. Examination of revolutions, religions, empires and major turning points in world history and the impact they had on our world today will be the main themes of this course. Time period covered: 200,000 BC – present day.

Economics Course #79

- 1 credit, 1 semester
- Grade 11-12
- Required

Who decides the use of money, labor, natural resources, and ideas? You do. Economic theory will be applied to you, personally, local, state, national, and global economy. More specifically, it will focus upon your personal finances, agribusiness, food supply, natural resource economics, environmental economics, policy issues, agricultural trade, economic markets, global economics, and economic development.

SMSU College Now Microeconomics Course # 177

- Qualifying Seniors and Juniors (Complete SMSU Application Process, top 50%, GPA 3.0, prerequisite of Applied Economics *ACGC High School Class*, and strong understanding of Algebra)
- 1 high school credit, 3 SMSU college credits
- 1 Semester
- Meets Economics graduation requirement
- Weighted

Microeconomics will increase your understanding of how markets work, and enable you to systematically explore topics such as capitalism, competition, monopoly and public choice. Microeconomics is the study of how individual consumers, firms and markets decide to allocate scarce resources among competing uses. Macroeconomics, in contrast, is the study of national trends in economic growth, price levels and employment. Both micro- and macroeconomics rely upon similar methods of analysis, but are focused on

different problem areas.

Students should have a working knowledge of graph interpretation, problem solving, and mathematical/algebraic principles.

This course requires outside preparation such as reading 10-20 pages per week, mathematical exercises, and developing a student study guide. A guideline would be 1 hour class time to 2-3 outside class time (study time)

The majority of assessments will be high level standardized multiple choice questions and essay questions.

World Geography Course #70

- Grade 12
- 1 credit 1 semester
- Required

Students will engage in an overview of the 10 regions of the world, with emphasis on human impact on the physical environment and the cultures of the world. This course provides an investigation of variations and similarities between regions and the issues that result. Students will study global issues and problems as related to the five themes of geography: location, place, human-environmental interaction, movement, and region.

Criminal Justice Course #308

- Grades 10-12
- 1 credit 1 semester
- Elective

Do you like to watch crime shows on TV? Are you interested in a legal or law enforcement career? Criminal Justice is an exciting and dynamic field and this course will cover a variety of topics including: our criminal justice system, types of crimes, law enforcement, court systems, prosecution and defense, trial process, corrections, threats to our nation and criminal justice-related careers. Field trips include court and jail visits and a college visit to Alexandria Technical Community College's state-of-the-art Law Enforcement facility. (This is a blended learning course, a combination of online learning and direct instruction from the teacher as well as guest speakers employed in criminal justice careers.)

Current Events Course # 552

- Grades 10-12
- 1 credit 1 semester
- Elective

Using current events, this elective course focuses on world national & state issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them

College Now American National Government (SMSU) Course # 12

- Qualifying Seniors and Juniors (Seniors top 50%, Juniors top 30% GPA 3.0)
- 1.5 high school credits, 3 college credits
- 1 semester
- Elective
- Weighted

This course surveys the executive, legislative, and judicial branches of the national government; the role of political parties, interest groups and public opinion. Included throughout the course are discussions of local and state government and the political uses of the law. College Government is a college course in a high school setting, offered through the College Now program at Southwest Minnesota State University.

Spanish

Spanish I Course #15

- Grades 9-12
- 2 credits 1 year
- Elective
- Prerequisite: Student must have completed English in the prior grade with a "C"

Learn Spanish through games, songs, and multiple modes of communicating! In Spanish I, students will develop vocabulary for conversational Spanish that one would need when meeting and getting to know a new person. They will also develop vocabulary to use the language to function in the school and classroom setting. Students will develop skills for analyzing language elements, their usage patterns & message. Finally students will begin to explore the cultures of the Spanish-speaking world.

Linguistic Outcomes: subject pronouns, adjective agreement, expressing likes with the verb gustar, present tense indicative

Spanish 2 Course #16

- Grades 10-12
- 2 credits 1 year
- Elective
- Prerequisite: "C" average in Spanish I

In Spanish II, students will continue to use games, songs, and communication to review and expand on the grammar, vocabulary and culture presented in Spanish I. Students will work on being able to function in the target language in situations such as: getting to know someone, talking about their families and homes, ordering in a restaurant, shopping, making plans, telling stories. We will continue to look into the cultures of Spanish-speaking world.

Linguistic Outcomes: the indicative of the present tense, present progressive, preterite tense, direct object pronouns and indirect object pronouns.

Spanish 3 Course #343

- grades 11-12
- 2 credits 1 year
- Elective
- Prerequisite: "B" average in Spanish 2

Students will expand on communication skills developed in Spanish 1 and 2 while learning about different aspects of Spanish-speaking cultures and comparing it with their own culture. In order to increase global awareness, students will study challenges that citizens of Latin America face. This course will include:

- International music studies
- Novel studies
- Studies of documentaries and international films
- Linguistic Outcomes: Gender / Number: Nouns – Pronouns – Adjectives, Simple / Perfect Indicative Verb Tenses, Preterite vs. Imperfect (Introduce), The Preposition: Use & placement
- Students enrolled in this course may have the opportunity to travel to a Spanish-speaking country on a biannual basis.

SMSU College Now Spanish 4 Course # 58

- Qualifying Seniors (Seniors top 50% GPA 3.0)
- 2 high school credits, 4 college credits (Span 201)
- 1 year
- Elective
- Prerequisite: "B" average in Spanish 3

Different aspects of Spanish-speaking cultures will be presented and discussed in order to increase global awareness. A large focus will be European Spanish literature, art, history, and culture. Students will be assessed on their emerging ability to communicate effectively in Spanish. This course will include:

- International music studies
- Novel studies including classic Spanish Literature
- Studies of documentaries, international films, and historical fiction films
- Linguistic Outcomes: Verbal Tenses: Present–Future–Past–Conditional, Verbal Moods: Indicative Vs. Subjunctive, Verbal Aspects: Preterite vs. Imperfect (Review), Use of Subjunctive: Nominal–Adjectival Clauses
- Students enrolled in this course may have the opportunity to travel to a Spanish-speaking country on a biannual basis.

“Aprendizaje”/Apprenticeship Course #239

- Grades 11-12
- 2 credits 1 year
- Elective
- Prerequisite: Student must have completed Spanish 1 and 2

A student for the Spanish “Aprendizaje” or Apprenticeship will be chosen based on their above average abilities in Spanish and their interest in continuing with the language beyond high school.

Those abilities will come by recommendation from Señora Hentges.

To earn credit, the student will be responsible for the following duties:

- Helping novice level students with in-class work by being their conversation partner or explaining things to them during work time
- Preparing materials for novice level students such as making copies or working with manipulatives that will be used in class
- Arranging the room or preparing calendars
- Finding or preparing music or games for novice learners
- Role modeling correct Spanish pronunciations for audio recordings

Student must always check in at the bell and stay until the dismissal bell and is only allowed to leave the Spanish classroom for designated tasks.

Technology Education

Introduction to Technology Education Course #354

- Grades 9-12
- 1 credit 1 semester
- Elective

Here is where it all begins! The Introduction to Technology Education will lightly cover several different classes within the department and it will all be wrapped up into one class. Woodworking, welding, 3D printing, carpentry and so much more will be covered all in little bites to give students a taste of what they might like to take in a full semester of their desired topic. There will be lots of hands-on projects, some will be free and some may involve costs for materials.

Beginning Woodworking course #100

- Grades 9-12
- 1 credit 1 semester
- Elective

In this class students will learn about the natural properties of wood and how to build and maintain wood furniture. The first big project the students will build is a sofa table, it uses a large variety of the machines in the wood lab and gets the students comfortable working with power tools. They will be able to customize it with our CNC Shark if desired.

Lab fee: \$45.00

Advanced Woodworking course #293

- Grades 9-12
- 1 credit 1 semester
- Elective
- Prerequisite: Machine Woods I

In this class students will learn how to build unique furniture projects. They will be able to customize it with our CNC Shark if desired. Students will also learn about trees, conservation, and renewable resources, along with several math and science lessons.

Lab fee: Dependent on how many board feet of lumber the student uses.

Super Mileage Vehicle course #327

- Grades 9-12
- 1 credit 1 semester
- Elective
- By Application only

Students will design and build a vehicle that will get the best gas mileage possible. Design proposals are required, safety elements must be incorporated, and the students will compete against other schools at the Supermileage competition in Brainerd, Minnesota. This is not a race car. Safety will be emphasized with all tool and machine usage.

1. Students will apply to get into the class.
2. Maximum of 12 students

CNC Technology Course#367

- Grades 9-12
- 1 credit 1 semester
- Elective

Industries are changing, companies are calling, and no workers are found. Why? Well, that is one of the many topics we will learn about and address in CNC Technology. Another item we will learn about is how CNC Machines work. Here at ACGC we have five (5) CNC Machines, students taking this class will learn how to successfully operate each machine and make a project using the technology. There will be some welding, woodworking and building throughout the semester. A lab fee will be announced but that is based on the projects being built.

Beginning Welding: course #101

- Grades 9-12
- 1 credit 1 semester
- Elective

Students will learn the basics of welding, grinding and metal working. We will cover M.I.G., Arc, and T.I.G. welding, along with learning how to use the two plasma cutters we have. Upon finishing the course, students will have the knowledge to get a basic entry level welding job. This class emphasizes safety, math, and science. Students will also build several projects; one includes a nice metal framed end table. Lab Fee: \$25.00

Advanced Welding: _course#114

- Grades 9-12
- 1 credit 1 semester
- Elective
- Prerequisite: Beginning Welding

Students will work on advanced welding projects and enhance their knowledge and skills in the welding lab. We will also learn about careers that require less than two years of post-high school training. There is a large shortage of skilled labor in the USA and we will address this dilemma. Not only that but we will learn vertical welds, and possibly overhead welds, if time allows. Lab Fee: \$40.00

Project IT Course # 266

- Grades 9-12
- 1 credit 1 semester
- Elective
- Prerequisite - Any beginning level IT course

Students will take on projects requested by local individuals, teachers, and other staff members utilizing a shop-owner/customer relationship to identify requirements and build solutions. Depending on the project, the class could involve any of the machinery in either the wood or metal shop. Safety training and guidance will be offered for any machinery the student is not previously qualified on. Lab fee: \$20.00

Credit Recovery Offered through Edmentum

Students may complete courses they have failed previously or missed due to changing schools. The students can focus on closing their education gaps through a self-paced, individualized course of study which helps them get back on track with the credits that they are missing.

The courses are web-based which allows students access to the lessons for their classes anytime, anywhere. The Edmentum classes allow students to recover their credits the semester after they missed mastering them in the classroom. Credit Recovery offers courses in a wide range of core subjects, electives, and world languages with interactive, media-rich content. The flexibility of these courses allows the instructor to customize classes to meet each student's needs.

Each course consists of integrated tests; including pretests which allow students to forgo content they have already mastered and focus on the concepts that need additional work. Course-level assessments also include tests for each course unit to ensure student understanding of the materials. The courses are designed to improve student achievement and the interactive, media-rich content actively engages students. Each student sets up their own learning pace to insure success in completing their coursework within their time frame.

Class size is kept small so students may receive individualized help as needed. These classes may be worked on anywhere there is internet access.

See the school counselor if you are in a situation in which you need a credit recovery class.