



Dassel-Cokato High School  
Registration Guide  
2023-2024

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# Introduction

This registration guide is to help you select courses for the 2023-2024 school year. If the course descriptions provided in the guide does not give you enough information, please talk to a teacher in the department. Select alternate courses in case your first selections do not work.

When you register for courses to take during the 2023-2024 school year, those selections should be final.

We will only be making schedule changes under certain circumstances. The school district makes decisions regarding staffing assignments based upon student course selection; therefore, you need to be confident in the courses you select. If you have questions, please reach out to the Guidance Office!

We are glad you are a student at Dassel-Cokato High School  
and we look forward to a great 2023-2024 school year.

*DCHS Staff*

## General Information

*Courses appearing in this guide may not be available due to low registration numbers or staffing concerns.*

### Schedule Changes

- All students will be enrolled in courses or approved activities during all five periods.
- Students will not be allowed to change a schedule without approval and only under special circumstances.

### Teacher Assistant (T.A.)

- 12th grade students.
- One trimester only.
- Students will **not** receive credit and will receive a grade of "P".
- Only students with a good, solid academic record will be allowed to be a T.A.
- *Students who have failed a course or are at risk of not graduating will not be allowed to be a T.A.*

### Independent Study (I.S.)

- Limited opportunities exist for students interested in an Independent Study.
- 11th & 12th grade students.
- Limited to one (1) independent study per trimester.
- A student must have an above average academic record and/or a unique circumstance requiring Independent Study.
- A teacher must agree to the I.S. and the responsibility of supervising the student.
  - Must be completed two weeks prior to the start of the trimester.
- A meeting between the teacher, student and a School Counselor is required prior to the arrangement being accepted and scheduled.
- *Students who have failed a course or are at risk of not graduating will not be allowed to take an I.S.*

### Minnesota Career Information Systems [www.mncis.intocareers.org](http://www.mncis.intocareers.org)

Students may log on to this website to find valuable information on Careers, Colleges, and ACT test prep. Students can access the site with User Name: dchs and Password: chargers. Once in, they should then create their own account.

### Project Lead The Way

Project Lead the Way is a high school pre-engineering curriculum centered on developing better problem solving skills by immersing students in real world engineering problems. These courses use project-based, hands on experiences to teach students the key elements and skills of engineering and technology based careers. For more information on this nationally recognized curriculum, please visit: [www.pltw.org](http://www.pltw.org). The following course falls under the Project Lead The Way curriculum:

Principles of Engineering A & B

## PSEO (Post-Secondary Educational Option)

Postsecondary Enrollment Options (PSEO) is an opportunity for eligible high school students to enroll in college or university courses that earn credit simultaneously for both their high school diploma and their college degree (dual credit). These courses are generally offered on the campus of the postsecondary institution. Credit is awarded when the student passes the course. PSEO courses are taught by college instructors and/or high school teachers who serve as adjunct professors.

- **Tuition and fees.** Required course items are paid for on behalf of the student; tuition, fees and required textbooks are provided to the student at no cost. Consumable supplies specifically required for a class, such as art supplies and film, also are covered. The program does not cover general school expenses such as notebooks, pens, pencils, test-out fees, or non-consumable supplies. The cost of on-campus housing is not covered by the program. Postsecondary institutions are reimbursed by the state for the PSEO courses.
- **Transportation.** District-provided transportation services are not available for students participating in PSEO. However, students from families whose income levels are below the federal poverty guidelines may qualify for mileage reimbursement.
- **Financial Property.** All textbooks and equipment provided to the student and paid for through the PSEO program is the property of the participating postsecondary institution. Each student is required to return all textbooks and equipment after the course has ended.
- **School District Financial Planning/Student Notification of Intent to Participate.** To assist districts in planning, students must notify their local districts by May 30 each year of their intent to enroll in postsecondary courses during the following school year.
- **Notice of Student Registration.** The application form for student PSEO registration should be completed by an eligible student, signed by the parent (if the student is under the age of 18), and signed by the secondary school or home school parent. Students give the form to the postsecondary college or university they plan to attend; the postsecondary institution then completes section three and submits a copy to the Minnesota Department of Education.

Visit <https://education.mn.gov/MDE/dse/schfin/pseo/index.htm> for more information.

**Under Minnesota statute, juniors and seniors who are enrolled in high school may be concurrently enrolled in a post-secondary institution provided certain criteria are met. Students interested in becoming a full or part-time PSEO students their Junior or Senior year should:**

- \*Look for information and an application for the college they are interested in attending.
- \*Meet with the Counselor and parent to review graduation requirements and PSEO expectations.  
The PSEO contract should be signed and returned at this time.
- \*Students should submit their application and schedule any required testing.
- \*Once accepted, students must attend a college orientation session and register for classes.
- \*PSEO students should provide the Guidance Office with a schedule for the upcoming semester.

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**\*\*Students must meet all PSEO requirements set by the PSEO colleges in order to apply.\*\***

*Applications for PSEO should be made prior to May 31st for the following Fall semester.*

To register for PSEO, please schedule an appointment with your counselor.

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# NCAA Guidelines (National Collegiate Athletic Association)

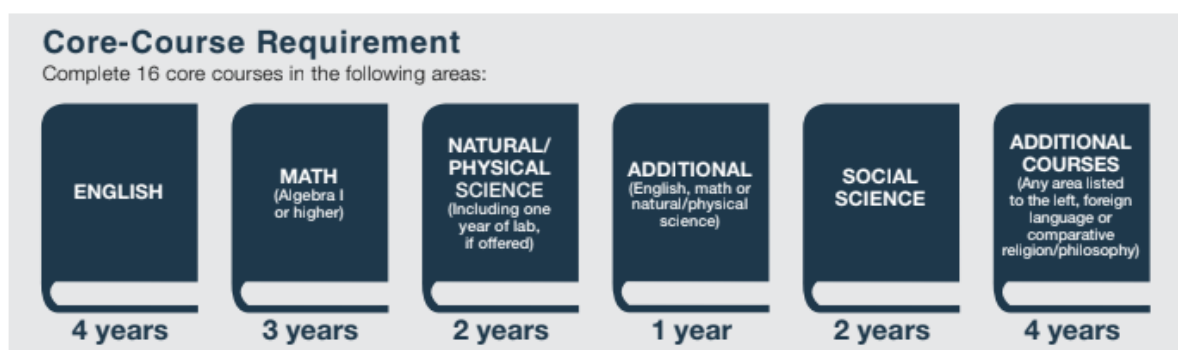
Students who have plans to participate as student-athletes at Division I or Division II schools must meet specific academic and test score requirements in order to be eligible to participate in their first year in college. For all eligibility requirements, please refer to the NCAA Clearinghouse website.

*It is the student's responsibility to check with Mrs. Scherping in the guidance office (our high school NCAA contact) **as soon as 9th grade** to see what courses meet the academic requirements of the NCAA.* Students should register with the NCAA Clearinghouse and request that Mrs. Scherping submit an official transcript, late in their junior year or early in their senior year.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

## DIVISION I ACADEMIC REQUIREMENTS

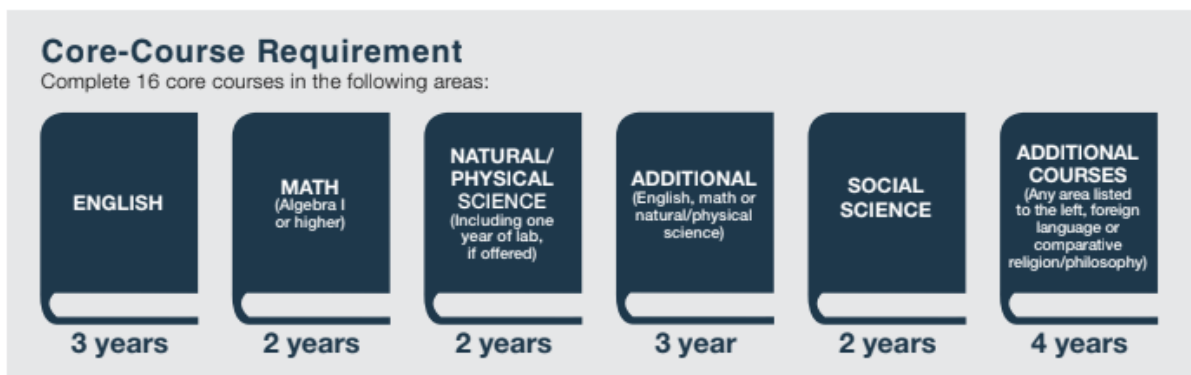
College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.



*GPA Requirements: 2.3 cumulative in core classes*

## DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.



*GPA Requirements: 2.2 cumulative in core classes*

# Graduation Requirements

*Students will need a total of 58 credits (in grades 9-12) to graduate.*

## **English** (Total of 8 credits)

- 2 credits of English 9
- 2 credits of English 10
- 1 credit of Explorations in Literature
- 1 credit of Speech
- 1 credit of Composition
- 1 credit of English Elective

## **Math** (Total of 6 credits)

## **Science** (Total of 6 credits)

- 2 Earth & Space (*Class of 2025 and beyond*)
- 2 Physical Science (*Class of 2022, 2023, 2024*)
- 2 Biology
- 2 Physics or Chemistry

## **Social Studies** (Total of 7 credits)

- 2 credits of Civics & Early American History
- 2 credits of American History
- 1 credit of World History
- 1 credit of Geography
- 1 credit of Social Studies Elective

## **Physical Education/Health** (Total of 3 credits)

- 1 credit of PE 9
- 1 credit of Health
- 1 credit of PE Elective

## **Business** (Total of 4 credits)

- 1 credit of Computer Applications
- 1 credit of Careers (*Class of 2024 and beyond*)
- 1 credit of Personal Finance
- 1 credit of Economics

## **Fine Art** (Total of 2 credits)

May include Art, Band, Choir

## **Electives** (Total of 21-22 credits)

Students are also required to pass the Minnesota Academic Standards embedded in many required classes. The standards must be met prior to graduation.

## **Notes:**

\*2 years of the same foreign language is required by many colleges/universities.

\*For entrance into the University of Minnesota, 4 years or 8 DCHS credits of Math are required.

## Course Pathways (4 year/Tech/Community)

*These are suggested course sequences designed to enable students to meet the requirements to pursue their post-high school goals. Please remember that it is possible to move between plans should your post-high school goals change. This is a guideline and not meant to substitute for one-on-one counseling.*

4 Year Plan				
	9th	10th	11th	12th
1.	English 9A 532431	English 10A 532433	Explorations in Literature	Composition Course
2.	English 9B 532432	English 10B 532434	Speech	English Elective
3.	Civics 533301	American Hist A 533303	World History	Social Elective
4.	Early Am. History 533305	American Hist B 533304	Geography	Math Course
5.	Earth & Space A 545900	Biology A 533203	Chemistry A or Physics A	PE Elective
6.	Earth & Space B 545901	Biology B 533204	Chemistry B or Physics B	Economics
7.	PE 9 532602	Health 532601	Math Course	
8.	Computer Apps 532303	Math Course	Personal Finance	
9.	Math # will be entered for you	Math Course		
10.	Math # will be entered for you	Careers		
11.				
12.				
13.				
14.				
15.				

Technical & Community College Path				
	9th	10th	11th	12th
1.	English 9A 532431	English 10A 532433	Explorations in Literature	Composition Course
2.	English 9B 532432	English 10B 532434	Speech	English Elective
3.	Civics 533301	American His A 533303	World History	Social Elective
4.	Early Am. History 533305	American Hist B 533304	Geography	Math Course
5.	Earth & Space A 545900	Biology A 533203	Chemistry A or Physics A	Math Course
6.	Earth & Space B 545901	Biology B 533204	Chemistry B or Physics B	PE Elective
7.	PE 9 532602	Health 532601	Math Course	Economics
8.	Computer Apps 532303	Math Course	Math Course	
9.	Math # will be entered for you	Math Course	Personal Finance	
10.	Math # will be entered for you	Careers		
11.				
12.				
13.				
14.				
15.				

## Course Pathways (Traditional/Rigorous)

*These are suggested course sequences designed to enable students to meet the requirements to pursue their post-high school goals. Please remember that it is possible to move between plans should your post-high school goals change. This is a guideline and not meant to substitute for one-on-one counseling.*

Traditional College Path				
	9th	10th	11th	12th
1.	English 9A 532431	English 10A 532433	Explorations in Literature	CIS English
2.	English 9B 532432	English 10B 532434	Speech	CIS English
3.	Civics 533301	American Hist A 533303	Advanced Composition	CIS English
4.	Early Am. History 533305	American Hist B 533304	World History	CIS Social Course
5.	Earth & Space A 545900	Biology A 533203	Geography	CIS Social Course
6.	Earth & Space B 545901	Biology B 533204	Chemistry A or Physics A	Economics
7.	PE 9 532602	Health 532601	Chemistry B or Physics B	CIS Math
8.	Computer Apps 532303	Math Course	Math Course	CIS Math
9.	Math # will be entered for you	Math Course	Math Course	World Language A
10.	Math # will be entered for you	Careers	World Language A	World Language B
11.	Math		World Language B	Science Elective
12.			PE Elective	
13.			Personal Finance	
14.				
15.				

Rigorous College Path				
	9th	10th	11th	12th
1.	English 9A 532431	English 10A 532433	Explorations in Literature	CIS English
2.	English 9B 532432	English 10B 532434	Speech	CIS English
3.	Civics 533301	American Hist A 533303	Advanced Composition	CIS English
4.	Early Am. History 533305	American Hist B 533304	World History	CIS Social Course
5.	Earth & Space A 545900	Biology A 533203	Geography	CIS Social Course
6.	Earth & Space B 545901	Biology B 533204	Chem/Physics/CIS Science	Economics
7.	PE 9 532602	Health 532601	Chem/Physics/CIS Science	CIS Math
8.	Computer Apps 532303	Math Course	CIS Math	CIS Math
9.	Math # will be entered for you	Math Course	CIS Math	World Language A
10.	Math # will be entered for you	Math Course	World Language A	World Language B
11.	Math	Careers	World Language B	CIS Science
12.		World Language A	PE Elective	CIS Science
13.		World Language B	Personal Finance	
14.				
15.				



## College in Schools (CIS) Credit at DCHS

*Note: It is up to the college to award credit for CIS and AP courses completed at DCHS.*

CIS courses are taught by our teachers and follow the curriculum and standards set by the college. The Guidance Office will inform CIS students how to apply and register for their CIS courses.

DCHS Course	# of Trimesters	Outside of Class Time Required	SMSU "College Now" Courses	Credits
CIS Algebra	2	30+ min/day	MATH110 - College Algebra	3
CIS Calculus	2	45+ min/day	MATH150 - Calculus I	5
CIS Chemistry	3	3-5 hours/week	CHEM231 - General Chemistry	4
			CHEM232 - General Chemistry	5
CIS English Lit 150	1	4 hours/week	LIT150 - Global Perspective	3
CIS English 151	2	4 hours/week	ENG151 - Academic Writing	4
CIS Political Science	1	2-3 hours/week	POL120 - American National Gov.	3
CIS Speech	1	3 hours/week	SPCH110 - Speaking & Listening	3
CIS Mobile Computer	2	30+ min/day	IDST 164 Essentials of Computing	3

DCHS Course	# of Trimesters	Outside of Class Time Required	SCSU "Senior to Sophomore" Courses	Credits
CIS Human Biology	2	1 hour/day	BIOL103 - Human Biology	3
CIS Personal Finance	1	1 hour/day	FIRE201 - Intro to Money Management	3
CIS Physical Education	1	3 hours/week	PESS120 - Aerobic Fitness	1
			PESS122 - Lifelong Health and Fitness	1
CIS Psychology	2	30+ min/day	PSY115 - Introduction to Psychology	3

DCHS Course	# of Trimesters	Outside of Class Time Required	St. Cloud Technical & Community College Course	Credits
CIS Nursing Assistant	1	Clinicals=28 hours	HLTH1402	3

DCHS Course	# of Trimesters	Outside of Class Time Required	University of Minnesota Course	Credits
CIS Plant Propagation	1	1 hour/week	HORT1001	4

Advanced Placement (AP) courses are taught at a college level and upon completion of the course students may take an AP test to earn college credit.

Advanced Placement Courses	Credits
AP Statistics	3 to 5

The Assessment of Performance toward Proficiency in Languages (AAPPL) is an assessment of standards-based language learning across the three modes of communication (Interpersonal, Presentational, and Interpretive) as defined by the National Standards for Foreign Language Learning. Depending on the attained level of proficiency and completion of all English graduation requirements, students can earn up to 4 semesters of college credit of Spanish and biliteracy seals via the Minnesota Department of Education.

AAPPL Proficiency Test	Credits
Spanish	Up to 4

Another option to gain college credit is through Articulated Agreements. College credits are available for the courses listed below upon successful completion of course and passing required examination.

Articulated Credit Courses	Credits	School
Basic Drafting (CADD)	3	Ridgewater
Machine Tools I	3	Ridgewater
Machine Tools II	3	Ridgewater
PLTW - Principles of Engineering	3	SCSU

# College In Schools - Minnesota Transfer Curriculum

Courses listed below are offered by DCHS and satisfy the Minnesota Transfer Curriculum Goals and are transferable to any MnSCU school for general education credits. The requirements needed to satisfy each Goal are in parenthesis next to the title of the Goal. The number behind each course is the number of credits earned. Additional information regarding Minnesota Transfer Curriculum can be found at [www.mntransfer.org](http://www.mntransfer.org).

## **Goal 1: Communications (3 Courses, 7-11 Credits)**

Literature 150 - Global Perspective (3)  
English 151 - Academic Writing (4)  
Speech 110 - Essentials of Speaking & Listening (3)

## **Goal 2: Critical Thinking (1 Course, 3 Credits)**

*Currently no concurrent enrollment course offered at DCHS*

## **Goal 3: Natural Sciences (2 courses with Labs, 7-8 Credits)**

Human Biology 103 (3)  
CIS Plant Propagation (4)  
General Chemistry 231 and 232 (4)

## **Goal 4: Mathematical/Logical Reasoning (1 Course, 3-5 Credits)**

Math 110 - College Algebra (3)  
Math 150 - Calculus I (5)  
IDST 164 Essentials of Computing (3)

## **Goal 5: History and the Social and Behavioral Sciences (2 Courses, 6-9 Credits)**

Psychology 115 - Intro to Psychology (3)

## **Goal 6: The Humanities and the Fine Arts (2 Courses, 6-9 Credits)**

English 150 - Intro to Literature (3)

## **Goal 7: Human Diversity (1 Course, 3 Credits)**

*Currently no concurrent enrollment course offered at DCHS*

## **Goal 8: Global Perspective (1 Course, 3 Credits)**

*Currently no concurrent enrollment course offered at DCHS*

## **Goal 9: Ethical and Civic Responsibility (1 Course, 3 Credits)**

Political Science 120 - American and National Government (3)

## **Goal 10: People and the Environment (1 Course, 3 Credits)**

*Currently no concurrent enrollment course offered at DCHS*

Note: It is up to the college the student attends to award credit for CIS and AP courses completed at DCHS.

## DCHS Grading Scales

*Dassel-Cokato High School is on a trimester schedule.*

Grade	Percent	College/Honors	Standard Grading Scale
A	93%	5.0	4.00
A-	90%	4.5875	3.67
B+	87%	4.1625	3.33
B	83%	3.75	3.00
B-	80%	3.3375	2.67
C+	77%	2.9125	2.33
C	73%	2.5	2.00
C-	70%	2.0875	1.67
D+	67%	1.6625	1.33
D	63%	1.25	1.00
D-	60%	.8375	0.67
F	0%	0.00	0.00

*\*\*New Grading scale effective date: 9/1/20.\*\**

**College Courses:** Courses taught in correlation with a college/university.

**Honor Courses:** The course is substantially more challenging in terms of skills to be acquired or intellectual accomplishments to be demonstrated than typical courses offered at the same grade level. Students are expected to work and learn independently. A considerable amount of out of classroom study is required to successfully complete the course. Instruction is focused on the higher levels of Bloom's Taxonomy (especially analysis, synthesis & evaluation).

**Standard Courses:** This category includes courses meeting the MN Academic Standards. Required and elective courses in this category are open to and appropriate for the majority of students.

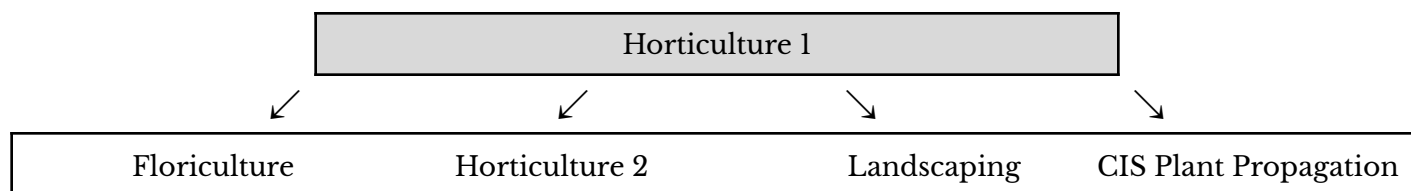
## DCHS Course Rotation

We have developed this cycle of alternating classes to help students better plan. Although we would like to be able to offer all classes all the time, we just do not have enough students or staff to offer them all each year. Hopefully the information below will be helpful in deciding your course selection for next year.

Department	Even Years (2023-2024)	Odd Years (2024-2025)
Agriculture	Horses & Companion Animals Youth Leadership	Ag Business/Global Ag
Physical Education	Sports Officiating	Triathlon Endurance Training
Science	CIS Human Biology	CIS Chemistry
Social Studies		CIS Political Science

## Agriculture, Food & Natural Resources

*Note: FFA Students MUST take at least ONE Agriculture class per year.*



### **532116: Exploring AG Science**

This course includes exploration and basic introduction to the many areas of our nation's largest industry: agriculture and agri-business. It is not just about sows, cows and plows anymore. Find out what fishing, hunting, dogs, cats, food and flowers all have to do with agriculture.

**Grades: 9, 10**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532102: Horticulture 1**

Grow plants in the greenhouse facility with this course. Students will investigate scientific concepts relating to horticulture and plant science. Students will learn to identify, reproduce, and care for houseplants, greenhouse plants, and crops. Students will have the opportunity to complete hands-on activities in the school greenhouse.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532108: Ag Business/Global Agriculture *(Not offered 23-24)***

Students will study agribusiness from an individual company to a global perspective. Trends in agribusiness and finance will be researched and evaluated. Students will study the United States agriculture industry in relation to the world economy. Global food production issues will be explored along with research in key areas of world hunger alleviation. This course will also cover farm and agribusiness accounting, income statements, balance sheets, taxes, budgets, marketing, and financial analysis.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532114: Floriculture**

*Must have previously passed: Horticulture*

This course covers the floral design principles required to create traditional, contemporary, and Oriental floral arrangements. Basic floral design techniques will be covered. Students will work with fresh, dried and silk flowers. The class will cover flower identification, corsage making, bud vases, dried materials, basic floral designs, and project work. Students will create and sell arrangements during this course.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **535415: Horticulture 2 - Biology**

*Must have previously passed: Horticulture 1 & Biology A (May be enrolled in both courses in the same year.)*

Horticulture 2 is an advanced look at plants at the genetic and cellular level from an applied point of view. Learn how traits are inherited and expressed, see the impacts of environmental conditions on growth and development and the factors that affect photosynthesis through lab experiments and projects in the greenhouse. Furthermore, all these ideas will be connected with real life examples and activities in fields, forests and gardens.

**Grades: 10, 11, 12**

**Credit Type: Biology**

**Grading Scale: Standard**

**532113: Landscaping**

*Must have previously passed: Horticulture*

Students will learn the principles of landscape design and convert these principles into landscape designs using drawing tools. Students will also have a chance to convert their drawings into an outside landscaping project. Practices of landscape maintenance such as fertilizing, trimming and pruning will also be demonstrated. Study of the turf industry will be incorporated into this course.

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532106: Animal Science**

This course will provide students with the opportunity to get a closer look at domestic livestock. Species to be studied may include cattle, swine, sheep, goats, and specialty animals. Specific topics will include anatomy, nutrition, genetics, reproduction, and diseases. Hands-on activities are the main form of class instruction and may include animal system dissections, and a tour of area livestock production operations. If you raise animals or are looking into an animal related occupation, this class will provide you with basic knowledge.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532112: Wildlife**

Students will develop an appreciation for wildlife by studying habitats, characteristics, and behaviors. Students will learn about hunting and fishing regulations and what role they provide in today's population management of animals.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532115: Youth Leadership**

Students will investigate and analyze group dynamics, leadership styles, goals, and goal setting. While working in teams students resolve group conflicts, improve networking skills, and participate in team building activities. The fundamentals of parliamentary procedure will be taught through participation in mock meetings. Students will have the opportunity to become Accredited Parliamentarians.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: College/Honors**

**532101: Horses & Companion Animals**

Students who own or just have an interest in horses may wish to enroll in this course. Students will become familiar with the breeds of horses. Grooming, showing, and evaluating horses will be covered. Students will be exposed to proper nutrition and feeding of horses. Hands-on opportunities with live horses may be available. This course will also include units on companion animals.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532111: Small Engines and Electrical Wiring**

This course will enable students to become proficient at overhauling 4-cycle engines. Students will learn the basic systems of 4 and 2 stroke engines. Students will work with school-owned engines to completely tear down and rebuild engines as a way to learn the common systems, clearances, and torque settings. Students will learn and practice residential wiring, switches, lights and outlets.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**535413: Advanced Small Gas Engines**

*Must have previously passed: Small Engines and Electrical Wiring (C or better)*

This course will provide students with the opportunity to learn how to diagnose engine failures and properly repair engines back to operating quality. Students will also have the opportunity to become certified as a Master Service Technician through Briggs and Stratton. Costs may be incurred in this class.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**535419 & 535420: Food Chemistry (2 trimesters)****\*Not NCAA approved\***

Discover the many applications of chemistry behind everybody's favorite, Food. Through a variety of hands-on labs and projects you will determine how yogurt is formed, why bread rises, what is the highest source of Vitamin and C and more. Since 20 percent of all jobs are related to food in some fashion and everybody eats, you will surely find direct applications between chemistry, your life and your future. This course meets the general education requirements for the Science Chemistry as well as an Agriculture Course.

**Grades: 11, 12****Credit Type: Chemistry****Grading Scale: Standard****535352: CIS Plant Propagation**

*Must have previously passed: Horticulture 1 and meet PSEO class rank requirements.*

Plant Propagation offers students the opportunity to learn fundamental biological concepts of plant morphology, physiology and reproduction, and to apply these concepts in the greenhouse to the techniques of ornamental, fruit and vegetable plant propagation. The lecture section focuses on plant structure and function, while the labs highlight how to grow and multiply plants. Students will also know how to use scientific ways of inquiry to investigate plant propagation questions.

*Dual Enrollment with: U of M - Twin Cities*

*College Course: HORT1001*

*College Credit Potential: 4*

*Additional Work Required Outside of Class Time: 1 hour/week*

**Grades: 11, 12****Credit Type: Elective****Grading Scale: College/Honors**

*Note: FFA Students MUST take at least ONE Agriculture class per year.*

## Art

### **532211: Foundations of Art**

This class is a stepping stone from middle school to continuing in the Arts. Students at this level will be expected to work with a wide variety of mediums while exploring their own artistic expression. An overview of the elements and principles of Art and design will be provided, lending themselves as the basic structure in problem-solving approaches to visual exploration. The course will also deal with artists/movements and their impact on the arts. Students will be exposed to the fundamentals of Art criticism, evaluation and history.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532209: Computer Graphics 1**

This class will focus on the increasingly popular computer generated form of Art. Students will learn the principles needed for working in Graphic Design with projects ranging from free drawing, creating abstract work, assignments geared toward business applications. The class will use Adobe Photoshop as its primary program which is still the industry standard in computer design.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532216: Computer Graphics 2**

*Must have previously passed: Computer Graphics 1*

With the basics of 2D computer design learned, students now can concentrate on the business aspect of graphic design. Still using Adobe Photoshop, students will go further into its use to create original large scale compositions, logo designs, and short .GIFs. All the while learning more about what it means to be a graphic designer.

**Grades: 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **534852: Digital Photography**

*Must have previously passed: Computer Graphics 1*

This photography class will help students get away from the “point and shoot” type of picture taking. In this course, students will look at the basic use of a digital camera, advanced settings, how to set up a picture and how to use Elements and Principles of Design in their work. Students will complete weekly portfolios of their work and look at what the professionals are doing today.

**Grades: 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532212: Studio Art 1 (Previously Drawing & Painting 1)**

*Must have previously passed: Foundations of Art*

In this class, students will focus mainly on the drawing and painting fields, with a variety of techniques and mediums explored. The elements and principles of Art and design will play an important role in this course. Students will learn how important drawing and painting are while at the same time gaining knowledge in their history. As a part of the class, students will continue to understand art criticism and its effectiveness in evaluating and developing artwork. \$10 Art Fee. Students will explore a variety of art making mediums all related to drawing & painting. Printmaking, Collage Work, Drawing, Painting and more.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **534885: Studio Art 2 (Previously Drawing & Painting 2)**

*Must have previously passed: Foundations of Art & Studio art 1*

This course is designed for those students who have successfully completed studio art 1 and who have a desire to do advanced work in drawing and/or painting. Students will improve skills in developing composition and individual artistic expression. The class will be given projects that will challenge their imagination and allow them to go in their own direction. Artists, their styles, and movements will be investigated. Art criticism as well as individual style will be stressed. \$10 Art Fee. Students will explore a variety of art making mediums all related to drawing & painting. Printmaking, Collage Work, Drawing, Painting and more.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532218: 2D Honors Art**

*Must have previously passed: Foundations of Art, Drawing/Painting 1 and 2, or Computer Graphics 1 and 2*

This course is finishing your HS art career in either traditional drawing/painting, or digital art. Honors Art students are selected for the class based on their success in art, class work ethic, and advanced level

talent. The requirements demand more to a student's skill, effort, originality, and creativity. This class can be taken to complete college portfolios and work on various Art competitions. \$10 Art Fee.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: College/Honors**

### **532215: Ceramics 1**

This course is great for students who love to build with their hands. We will go on a ceramic journey learning the basics of hand building with the pinch, coil and slab techniques; as well as working on the wheel. Projects are designed to allow students to explore their own storytelling capabilities using the elements and principles of design. Students will also learn the foundational aspects of clay, glaze and kiln firing. \$10 Art Fee.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532217: Ceramics 2**

*Must have previously passed: Ceramics 1*

Students in this course will delve more deeply into the main building techniques of coil, pinch, slab and wheel throwing, as well as practicing how those techniques can be used together. Projects include a larger variety of artist inspiration and surface techniques, allowing students more freedom to practice expressive voice within their own work. Students will also become involved in kiln firing and clay recycling. \$10 Art Fee.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **534884: Ceramics 3**

*Must have previously passed: Ceramics 2*

Student's main focus in this course is conceptual storytelling within a body of work, as opposed to basic technical experiences. Further explorations into surface decoration, kiln firing and glazing techniques are integral to students executing technically challenging projects. Students will experience projects that relate more to the art world outside the classroom. \$10 Art Fee.

**Grades: 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532210: 3D Arts**

Students are encouraged to try 3D arts if they love to work with their hands or just want to try something new. This course will focus on 3D building techniques outside the traditional world of clay. Students will gain skills and knowledge while working with a variety of materials to produce original sculptural artworks. Project materials include paper mache, plaster, wire, clay, and found materials. \$10 Art Fee.

**Grades: 9, 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

### **532219: 3D Honors Art**

*Must have previously passed: Ceramics 1, 2 and 3*

The final step in your HS ceramic journey! Honors Art students are selected for the class based on their success in art, class work ethic, and advanced level talent. The requirements demand more of a student's skill, effort, originality, and creativity. This class can be taken to complete college portfolios and work on various Art competitions. Entry based on teacher and counselor's recommendation. \$10 Art Fee.

**Grades: 10, 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: College/Honors**



## **Business**

<b>Required Business Courses</b>	<b>Pursuing ACCOUNTING in college</b>	<b>Pursuing BUSINESS in college</b>
Computer Applications (9)	Accounting I	Intro to Business
Careers (10)	Accounting II	Accounting I
Personal Finance (11-12) or CIS Personal Finance (11-12)	CIS Personal Finance	Accounting II
Economics	Advanced Accounting A/B/C - IS	CIS Personal Finance

### **532303: Computer Applications**

This course will be an in-depth introduction to Google applications, Digital Citizenship, and keyboarding reinforcer. Students will learn about effective note taking and file maintenance in both paper and electronic form along with professional correspondence. Students will review Google Slides along with learning proper presentation skills. Students will learn to create properly formatted professional documents using Google Docs. Students will learn how to create a business and marketing plan and how to present these plans in a professional setting. Students will learn how to create spreadsheets, create charts & graphs, and manipulate data using Google Sheets.

**Grade: 9      Credit Type: Computer Applications      Grading Scale: Standard**

### **532310: Intro to Business**

This course will provide students an introduction to many business topics that will help develop skills that can be used in any career. Content will range from retailing and e-tailing, market strategy, merchandise planning, buying and pricing merchandise, to store design and visual merchandising, promotion and advertising, selling and customer service, management and career exploration.

**Grades: 9, 10, 11, 12      Credit Type: Elective      Grading Scale: Standard**

### **575101: Careers - Trades / Community / Technical College Path**

This course will cover career exploration and assist students with their post high school career choices for students who think their career choice will require less than 2 years of post-high school training. Students will complete self assessment inventories and aptitude tests to know their skills and abilities to match with a career. Students will research several careers along with any post high school training requirements that correspond with that career. Students will cover job attainment skills such as job applications, resumes, cover letters, and interviewing skills. Students will learn about banks, banking accounts, and checking accounts. A focus on professionalism in correspondence, soft skills, and financial aspects of a career will be covered. The topics of Human Resources along with Business Law will be covered. Current state mandated standards in career research for sophomores along with OSHA Requirements for work program will be part of the course.

**Grades: 10      Credit Type: Careers      Grading Scale: Standard**

### **575102: Careers - Traditional 4 Year Path**

This course will cover career exploration and assist students with their post high school career choices for students who think their career choice will require 2-4+ years of post high school training. Students will complete self assessment inventories and aptitude tests to know their skills and abilities to match with a career. Students will research several careers along with any post high school training requirements that correspond with that career. Students will cover job attainment skills such as job applications, resumes, cover letters, and interviewing skills. Students will learn about banks, banking accounts, and checking accounts. A focus on professionalism in correspondence, soft skills, and financial aspects of a career will be covered. The topics of Human Resources along with Business Law will be covered. Current state mandated standards in career research for sophomores along with OSHA Requirements for work program will be part of the course.

**Grades: 10      Credit Type: Careers      Grading Scale: Standard**

**532314: Personal Finance**

Content will cover a review of Payroll Taxes/Benefits/Insurance and go in depth with the topics of Banking/Budgeting/Time Value of Money, Credit, Real Estate, Investing, and Estate Planning. Current state mandated standards in career research for Juniors and Seniors will be covered. Suggested for 11th or 12th grade.

**Grades: 11, 12**

**Credit Type: Personal Finance**

**Grading Scale: Standard**

**532525: CIS Personal Finance**

This course will focus on content and procedures for managing personal finances. The content in this course will be immediately applicable to your life after high school. Current state mandated standards in career research for Juniors and Seniors will be covered. Topics will include real estate, investing, insurance, taxes, and financial planning.

*Dual Enrollment with: SCSU*

*College Course: FIRE201*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 1 hour/day*

**Grades: 11, 12**

**Credit Type: Personal Finance**

**Grading Scale: College/Honors**

**532312: Economics**

*\*NCAA approved course\**

This course will teach fundamental economic concepts, microeconomics, macroeconomics and international/global economics. Specific topics that will be studied include factors of production, demand, supply, fiscal policy, monetary policy and international business. This course will be both practical and challenging. Suggested for 11th grade.

**Grades: 11, 12**

**Credit Type: Economics**

**Grading Scale: Standard**

**532306: Accounting 1**

Students will learn the basic accounting cycle: analyze basic business transactions into their debit/credit parts, journalize, post, prepare a worksheet and financial statements, make adjusting and closing entries and complete a simulation set for a service business owned by one person as a sole proprietor. Students will also work with an automated accounting software program. In addition, a working knowledge of vocabulary is emphasized.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532307: Accounting 2**

*Must have previously passed: Accounting 1 (C or better)*

In Accounting 2 students will continue using the accounting cycle with an introduction to a merchandising business that is organized as a corporation. Special Journals are introduced along with payroll records and payroll taxes. Accounting vocabulary is continually built and students will complete a full monthly fiscal period's worth of work in a simulation set. Students will also work with an automated accounting software program. In addition, a working knowledge of vocabulary is emphasized.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**535426: Advanced Accounting A**

*Must have previously passed: Accounting 2 (C or better)*

This course will be a continuation of Acct II with a heavy emphasis on transactions. Some of the specific units such as depreciation, allowance for uncollectible accounts, inventory control, notes receivable and payable, analyzing/interpreting financial statements, departmental, branch and cost accounting, and simulation set is included in this offering. Accounting vocabulary is continually built.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: College/Honors**

**535427 & 535428: Advanced Accounting B & C**

*Must have previously passed: Accounting 2 (C or better)*

This course will take a college level approach to Accounting. Specific units such as depreciation, allowance for uncollectible accounts, inventory control, notes receivable and payable, analyzing/interpreting financial statements, departmental, branch and cost accounting, and simulation set is included in this offering. Accounting vocabulary is continually built. Students will also learn corporate level income statements, balance sheets, statements of stockholder equity, cash flow statements, business operating activities, planning operating activities, recording and evaluating operating activities, capital resource process activities, planning capital resource process activities, recording and evaluating capital resource process, and evaluating operating and capital resource process activities.

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: College/Honors**

## English

9th Grade	10th Grade	11th or 12th Grade			
English 9 or English 9 Basic	English 10 Basic or English 10	Composition: (Choose ANY of the following)  Advanced Comp or Expressive Writing or Journalism I or Practical Writing	Speech or CIS Speech	Explorations Basic or Explorations in Literature	English Elective: Journalism 2 (DCTV) or Literature & Film or CIS English or CIS Speech or Modern Literature or Another Composition

### **532431 & 532432: English 9 (2 trimesters)**

\*NCAA approved course\*

English 9 is a combination of literature, writing, speaking, and grammar. Students will also complete an extensive vocabulary study. The units literature studied includes short stories, poetry, a novel, and a 5-act play. Most writing is in response to literature.

**Grade: 9**

**Credit Type: English 9**

**Grading Scale: Standard**

### **535451 & 535450: English 9 Basic (2 trimesters)**

\*NCAA approved course\*

*Must have counselor/teacher recommendation*

English 9A Basic is designed to meet the requirements of English 9A. However, more time and explanation will be devoted to the five-paragraph essay structure and building reading skills. Students will also complete an extensive vocabulary study. The units of literature studied include *To Kill a Mockingbird* and *Romeo and Juliet*. In addition, students will also study grammar concepts and complete a formal writing assignment. English 9B Basic is designed to meet the requirements of the English 9B course, however students will be provided with a sufficient amount of time to complete a four-paragraph research essay. Students will also complete weekly vocabulary lessons. Literature studies during this class include short stories, poems, Greek mythology, and the novel *Four Miles to Pinecone*.

**Grade: 9**

**Credit Type: English 9**

**Grading Scale: Standard**

### **532433 & 532434: English 10 (2 trimesters)**

\*NCAA approved course\*

English 10 is a combination of literature, writing, grammar, speaking, and media literacy. The focus of writing instruction in English 10 is to reinforce the writing process through expository writing, including constructed responses, essays, and a research paper. A short oral presentation is also a required part of the class. Students will complete an extensive vocabulary study. Readings include a play and an autobiography, *Night*.

**Grade: 10**

**Credit Type: English 10**

**Grading Scale: Standard**

### **535452 & 535453: English 10 Basic (2 trimesters)**

\*NCAA approved course\*

English 10 Basic is designed to meet the requirements of English 10; it includes an intensive study of reading skills which will be completed with the novel *The Outsiders*. Students will complete an extensive vocabulary study. The focus of writing instruction is to reinforce the writing process through expository writing, including constructed responses, essays, and a research-based report. A short oral presentation is also a required part of the class.

**Grade: 10**

**Credit Type: English 10**

**Grading Scale: Standard**

### **532444: Explorations in Literature**

\*NCAA approved course\*

*Students must obtain a B- or higher in order to be eligible for CIS Literature 150.*

Students will explore a variety of themes by reading short stories, poems, essays, plays, and novels written by authors from around the world. Topics will include, but are not limited to, Native American Literature, Slave Narratives, and readings that explore the concepts of Realism, Naturalism, and Local Color as well as the Holocaust. Students will also be required to read a variety of literature which may include *The Great Gatsby*, *The Boy in the Striped Pajamas*, and/or *The Tattooist of Auschwitz*, while exploring various themes within the novels. Recognizing our place in a global society will be emphasized throughout.

**Grades: 11, 12**

**Credit Type: Explorations in Literature**

**Grading Scale: Standard**

**575100: Modern Literature****\*NCAA approved course\***

This course will focus on the ways society consumes modern texts--through podcasts and book clubs. The course will focus on books published after World War II, both fiction and nonfiction, in order to better understand the issues taking place in modern society. Some of the readings will be with the whole class while others will occur in literature circles in order to achieve a "book club" atmosphere. The course will also explore and interact with the podcast genre. Students will be assessed in a variety of ways, including in-class discussions, online discussion prompts, tests/quizzes, and short essays.

**Grades: 11, 12****Credit Type: English Elective****Grading Scale: Standard****532415: Expressive Writing****\*NCAA approved course\***

The purpose of this class is to encourage self-expression through creative writing in a non threatening atmosphere. The focus of the course will be fiction and poetry writing. To build creative writing skills, a variety of shorter sketches will be written. Works will be peer reviewed. There is also a small oral presentation. The class will culminate in the online publication of personal works.

**Grades: 11, 12****Credit Type: Composition Grading Scale: Standard****532417: Practical Writing****\*NCAA approved course\***

The purpose of this course is to prepare students for a variety of personal and professional writing situations they may encounter in life. Personal forms of writing will include, but are not limited to, paragraph writing, personal essays, and memoirs. Professional forms of writing will include an in-depth research unit in which students will develop a product, write a proposal, and present their findings in a formal setting. Group work and projects will focus on technical writing. The understanding and basic use of writing skills will be reinforced throughout. Students will be required to complete weekly vocabulary assignments and tests.

**Grades: 11, 12****Credit Type: Composition Grading Scale: Standard****532416: Speech****\*NCAA approved course\***

Students will use verbal and nonverbal communication skills in a variety of speaking situations. Some of the speaking situations include public speaking, small group, and problem solving. Students will also learn to prepare effectively for each speaking situation. Strongly suggested for 11th grade.

**Grades: 11, 12****Credit Type: Speech****Grading Scale: Standard****535355: Literature and Film****\*NCAA approved course\***

This course is a study of the intersection between literature and film. It will explore such topics as adapting fiction, drama, and nonfiction works to film in order to gain an understanding of the possibilities-and problems-involved. Students are cautioned that this course requires extensive reading and writing, viewing films and taking part in class discussions. A goal of this course is to teach students to be analytical and evaluative consumers of what they read and view.

**Grades: 11, 12****Credit Type: English Elective****Grading Scale: Standard****532411: Journalism I****\*NCAA approved course\***

Students will study principles of video and produce a PSA and news video feature story, as well as learn basic concepts of reporting and photography. These skills will be applied in production of actual news media such as stories, TV news broadcasts, etc. As time permits, students will study other forms of media, their sources, influences, and methods of production. This class is required for students interested in joining Journalism II (*formerly DCTV*), but it is also ideal for anyone interested in pursuing any field related to communications or any student with an interest in learning more about forms of mass media in our society. Grade 10 by recommendation.

**Grades: 11, 12****Credit Type: Composition****Grading Scale: Standard****534796, 534797, 534798: Journalism 2****\*Not NCAA approved\***

*Must have previously passed: Journalism 1 (may be taken concurrently)*

Students will continue to build on the principles of news media learned in Journalism I. The course will have a newsroom setting and consist of developing story ideas, interviews, videography, video news and feature stories, editing, production, and being a news anchor. The students will produce a weekly newscast as well as daily short announcements. The students will also have the opportunity to be a part of live streaming of DCHS events with *Charger Gameday*.

**Grades: 11, 12****Credit Type: English Elective****Grading Scale: Standard**

**532418: Advanced Composition****\*NCAA approved course\***

*As a Junior, the student must have previously passed English 10B or English 10B Advanced with B- or better or teacher recommendation. Note: This course is required for CIS English.*

The course prepares college bound students with the necessary research/writing skills needed to be successful. Students will follow the research/writing process by selecting a topic, researching, and writing a quality rough and final draft which will meet exact specifications. Grammar, style, and revision skills will be taught and reinforced throughout the course.

**Grades: 11, 12****Credit Type: Composition****Grading Scale: College/Honors****535401: CIS Speech****\*NCAA approved course\***

*Must have previously obtained a B- or better in English 10B or English 10B Advanced AND meet SMSU's eligibility requirements (3.0 GPA or higher and top third of the junior class or top half of the senior class).*

This course teaches the use of verbal and nonverbal communication to organize and deliver effective oral presentations. Students will gain knowledge and skills in creating a formal outline, applying advanced research practices, using evidence and forms of supporting material, preparing and presenting information for effective delivery, developing an effective introduction and conclusion, and providing timely feedback for peers and oneself.

*Dual Enrollment with: SMSU*

*College Course: COMM110*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 3 hours/week*

**Grades: 11, 12****Credit Type: Speech****Grading Scale: College/Honor****535000: CIS English Literature 150****\*NCAA approved course\***

*Must have previously obtained a B- or better in Explorations in Literature AND meet SMSU's eligibility requirements (3.0 GPA or higher and top half of the senior class).*

CIS English Literature 150 is an introduction to literature through the study of works past and present which explore both the nature of humanity and humanity's relation to the world. This course will introduce students to literature from primarily outside of the United States to enable cross-cultural comparisons. Students will read a variety of short stories, poems, plays, and novels. Emphasis will be placed on responding to literature through critical analysis and students will be assessed heavily based on discussion participation, in addition to research and writing prompts.

*Dual Enrollment with: SMSU*

*College Course: LIT150*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 4 hours/week*

**Grade: 12****Credit Type: English Elective****Grading Scale: College/Honors****535001 & 535002: CIS English 151 (2 trimesters)****\*NCAA approved courses\***

*Must have previously obtained a B- or better in Advanced Composition AND meet SMSU's eligibility requirements (3.0 GPA or higher and top half of the senior class) AND have passed LIT 150; failure to pass LIT 150 warrants an automatic drop from ENG 151.*

CIS English 151 Academic Writing is the primary entry-level writing class for all SMSU students. This course will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus, and organize a written text. Writing assignments will reflect a variety of writing experiences, including (but not limited to) autobiographical narrative, rhetorical analysis, research paper, persuasive essay, and critical review. Lessons will focus on use of voice, language style and grammatical rules based on the type of writing.

*Dual Enrollment with: SMSU*

*College Course: ENG151*

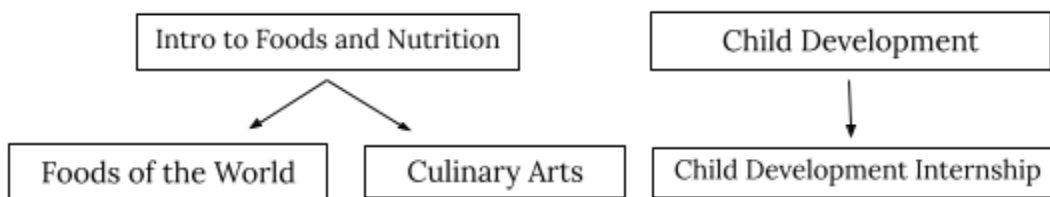
*College Credit Potential: 4*

*Additional Work Required Outside of Class Time: 4 hours/week*

**Grade: 12****Credit Type: English Elective****Grading Scale: College/Honors**

# Family and Consumer Science

## Potential Pathways



### **534668: Intro to Foods and Nutrition**

In this class students will learn basic nutrition, food preparation and cooking techniques. Students will study and prepare foods based on MyPlate nutritional recommendations. Course content will include food and kitchen safety, food groups, reading recipes, measuring and cooking techniques. A fee of \$20 is required for food lab materials and supplies.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **534669: Foods of the World**

*Must have previously passed: Intro to Foods and Nutrition (C or better)*

In this course, students will examine the cultural, spiritual, and dietary influences of various countries around the world. Students will understand how geography, agriculture and climate affect the development of cuisine. Through research, cooking, and tasting, students will gain an awareness and understanding of the world's cuisine. A fee of \$20 is required for food lab materials and supplies.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **534670: Culinary Arts**

*Must have previously passed: Intro to Foods and Nutrition (C or better)*

Students will learn about the artistic side of food preparations using advanced skills and techniques. Entertaining, food presentation, planning and time management will be included in student projects. Students will host a "Culinary Café" for staff and community members. Students will also investigate career options in the food and hospitality industries. A fee of \$20 is required for food lab materials and supplies.

*\*Students have an opportunity to become ServSafe Food Handler Certified during this class. This enables them to be the manager on duty at a restaurant or other food service establishment.*

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **534671: Interior Design**

*Note: Students are responsible for providing their own fabric for the sewing project. Other materials needed will be supplied.*

This class will provide students an opportunity to examine interiors through the elements and principles of design. Students will explore housing options, analyze floor plans, create interior blueprints, study color psychology and more. Students will also complete a sewing project that they will take home.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **534674: Teen Life**

This course explores the many skills teens need for everyday life. Students will examine relationships with family, friends, and others. Units of study include how to develop friendships, positive communication skills, dealing with stress, dating, marriage, personal safety, decision making, and planning for the future.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**535400: Fashion Design**

*Note: Students are responsible for providing their own fabric for the sewing project. Other materials needed will be supplied.*

Students will gain a basic understanding of the world of Fashion Design. Students will learn the processes that are carried out behind an article of clothing beginning with designing a product, creating sketches, sewing a clothing product and marketing it to consumers.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**545504: Child Development**

This course covers the developmental study of children from early childhood through adolescence, the joint contributions of biology and environment to the developing child. Students considering a career in education, social work or speech pathology should take this course.

*\*Students have the opportunity to become CPR/AED/First Aid Certified for infants and children during this class.*

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**545505: Child Development Internship**

*Must have previously passed: Child Development (B or better) and have a recommendation from an instructor or counselor. See Mrs. Danielson for the required recommendation form.*

*Note: Students must provide transportation to the elementary schools for class.*

This course provides an educational internship focused on the role of the educational assistant or teacher in a child care, preschool, kindergarten or elementary school setting. Concepts and skills learned in Child Development coursework will be applied in a work setting. Students considering a career in education, social work or speech pathology should take this course.

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

## Industrial Technology

### **535416: Exploring Industrial Tech - Girls Only**

*Note: This course is for female students who have never taken a course in industrial tech*

This course provides students with the opportunity to learn and develop the skills that are needed to be successful in a “hands-on” career. Students will be introduced to Computer Aided Drafting & Design (CADD) by designing and drawing a project. Students will learn manufacturing (welding and machining) and woodworking by building a simple project. \$20 fee (includes projects).

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **535414: Exploring Industrial Tech**

*Note: This course will have both male and female students who have never taken a course in industrial tech.*

This course provides students with the opportunity to learn and develop the skills that are needed to be successful in a “hands-on” career. Students will be introduced to Computer Aided Drafting & Design (CADD) by designing and drawing a project. Students will learn manufacturing (welding and machining) and woodworking by building a simple project. \$20 fee (includes projects).

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532809: Basic Wood**

Students will learn basic safety in the shop setting. They will become familiar with materials available and how to put them together. In this course, other disciplines are integrated into the design of a simple project, i.e. math and art are applied to create a project. Students will finish a simple project with quality. \$30 fee (includes projects).

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532810: Advanced Wood**

*Must have previously passed: Basic Wood or Exploring Industrial Tech*

Students will learn safety in a job and shop setting. Materials available for quality projects may be purchased from the school. Students will learn and demonstrate methods of joining materials together and different processes involved. Students will design and build a difficult project requiring higher levels of thinking. \$10 fee. Projects extra.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532811: Cabinets & Furniture**

*Must have previously passed: Basic Wood and Advanced Wood*

Students will learn safety in a job and shop setting. Materials available for quality projects may be purchased from the school. Students will practice layout and design of a simple cabinet and become familiar with panels and other types of doors. Students will construct a cabinet project. In this course, other disciplines are integrated into the design of a simple project, i.e. math and art are applied to create a project. Students will finish a simple project with quality. \$10 fee. Projects extra.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532803: Machine Tools 1**

Students learn about basic manufacturing processes. Students will make various projects using milling, turning, drilling, bending, conditioning, forming and combining processes. Computer controlled machining (CNC) is also introduced. College Credit Available. This course has been articulated with the Southern MN State Consortium. \$5 fee.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532804: Machine Tools 2**

*Must have previously passed: Machine Tools 1*

This course begins where Machine Tools I ends. The operation of manual machines and blueprint reading will be studied in greater depth. Using Mastercam software and computer numerical control (CNC) machines, students will create various parts/projects using the CADD/CAM process. College Credit Available. This course has been articulated with the Southern MN State Consortium. \$5 fee.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**



**532805: Welding 1**

Students will learn basic oxy-acetylene and arc welding processes for mild steel applications. Oxy-acetylene, plasma cutting and soldering processes are introduced. Students will design and construct a project toward the end of the class. \$5 fee. Projects extra.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532806: Welding 2**

*Must have previously passed: Welding 1*

This course is a continuation of Welding I, with a heavier emphasis on out-of-position welding and blueprint reading skills. Mig “wire feed” and Tig “Heliarc” welding processes are also taught. With these skills and processes, stainless steel, aluminum and other alloys can be welded. Students design, fabricate and repair various projects of their interest. \$5 fee.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532823: Basic Drafting (previously called CADD)**

Students will learn fundamental drafting principles and drawing techniques. Starting with 2-dimensional drawings, students will learn how to draw and interpret orthographic and isometric drawings. With a foundation laid, 3-dimensional solid modeling will be explored. Here students will explore the 3D world and design multi-piece parts that interact to form a working model. At the conclusion of the class, students are introduced to architectural drafting and will draw a set of plans for a one-story house. College Credit Available. This course has been articulated with the Southern MN State Consortium.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**532815, 532816, 532817: Home Construction (Tri 1, Tri 2, Tri 3)**

*Must have previously passed: Basic Wood (C or higher) or have passed both Basic and Advanced Wood*

In this class students will be building a 30' x 50' house that will be auctioned off to the public. Students will do everything from laying floor trusses in the fall, to siding in the spring, and everything in between. Students will learn the skills needed and the processes that go into building a house. Students will be exposed to blueprint reading and the different subcontractors that are used to build a house. Safety will be the main focus of this class and students will be required to wear PPE (Personal Safety Equipment) like they would on a real job site. Students will also learn about the many different career opportunities in the construction field. This class is designed for students that are interested in a career in construction.

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

## Math

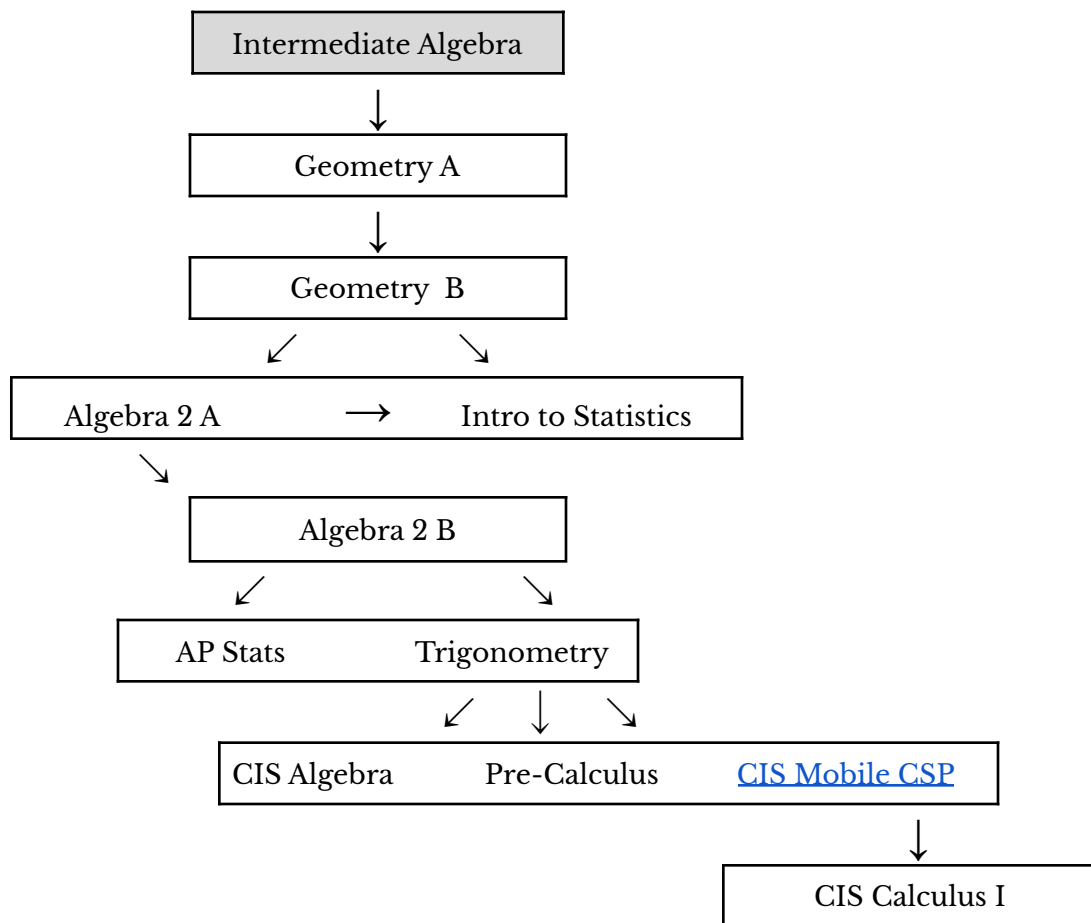
*Incoming Freshman placement is determined by the 8th grade Math teachers. It is STRONGLY recommended that students take at least 1 math course during their Junior year.*

*This is a guideline to show typical progression in the Math sequences.*

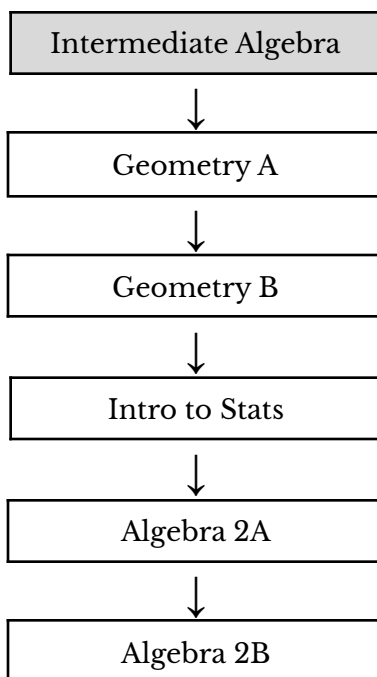
*If you need more assistance in developing your Math sequence, please contact the School Counselor.*

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### Math Pathway 1:

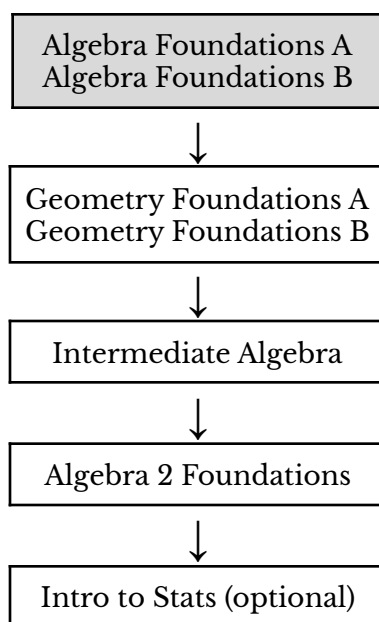


### Math Pathway 2:



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Math Pathway 3:



*Note: Graphing calculators are required after Geometry B.  
The Math Department suggests a TI 83 or a TI 84 graphing calculator.*

**535040 & 535041: Algebra Foundations (2 trimesters)**

\*Not NCAA approved\*

*Note: Students will be placed in these courses by teacher recommendation*

Students will review basic algebra concepts and be introduced to nonlinear functions including exponentials, polynomials, quadratics, radicals and rationals.

**Grades: 9, 10, 11, 12**

**Credit Type: Math    Grading Scale: Standard**

**535042 & 535043: Geometry Foundations (2 trimesters)**

\*NCAA approved course\*

*Must have previously passed: Algebra Foundations A and B*

This course will introduce students to the tools of geometry, including reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships within triangles, and polygons and quadrilaterals, similarity, right triangle and trigonometry, area, surface area and volume, properties of circles, and transformations.

**Grades: 10, 11, 12**

**Credit Type: Math    Grading Scale: Standard**

**535044: Intermediate Algebra**

\*NCAA approved course\*

*Must have previously passed: Algebra 1 in 8th grade or Algebra Foundations A and B*

Main focus of this course is the study of nonlinear functions, including exponentials, polynomials, and quadratics.

**Grades: 9, 10, 11, 12**

**Credit Type: Math    Grading Scale: Standard**

**535407: Algebra 2 Foundations**

\*NCAA approved course\*

*Must have previously passed: Algebra Foundations A and B and Intermediate Algebra*

Students will study topics including expressions, equations and inequalities, functions, equations and graphs, linear systems, quadratic functions and equations, and polynomials and polynomial functions.

**Grades: 11, 12**

**Credit Type: Math    Grading Scale: Standard**

**535045: Geometry A**

\*NCAA approved course\*

*Must have previously passed: Intermediate Algebra*

Students will be introduced to the tools of geometry, including reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships within triangles, and polygons and quadrilaterals.

**Grades: 9, 10, 11, 12**

**Credit Type: Math    Grading Scale: Standard**

**535046: Geometry B****\*NCAA approved course\****Must have previously passed: Geometry A*

Students will study topics including similarity, right triangles and trigonometry, area, surface area and volume, properties of circles, and transformations.

**Grades: 9, 10, 11, 12****Credit Type: Math   Grading Scale: Standard****535048: Algebra 2 A****\*NCAA approved course\****Must have previously passed: Geometry B*

Students will study topics including linear equations, relations and functions, quadratic functions, and polynomials and polynomial functions.

**Grades: 9, 10, 11, 12****Credit Type: Math   Grading Scale: Standard****535049: Algebra 2 B****\*NCAA approved course\****Must have previously passed: Algebra 2 A*

Students will study topics including inverses and radical functions, exponential and logarithmic functions, rational functions, and trigonometric functions.

**Grades: 10, 11, 12****Credit Type: Math   Grading Scale: Standard****535047: Intro to Statistics****\*NCAA approved course\****Students can complete Intro to Stats at any time after passing Geometry B*

In this introductory statistics course, students will learn how to: correctly gather appropriate data, analyze categorical, quantitative and bivariate data, work with normal distributions and calculate basic theoretical probabilities.

**Grades: 10, 11, 12****Credit Type: Math   Grading Scale: Standard****535050: Trigonometry****\*NCAA approved course\****Must have previously passed: Algebra 2 B*

This upper level mathematics course involves the study of trigonometry, including right triangle and unit circle trigonometry, and trigonometric formulas, identities and equations. The trimester concludes with a study of matrices.

**Grades: 10, 11, 12****Credit Type: Math   Grading Scale: College/Honors****535072 & 535073: [CIS Mobile Computer Science Principles/CIS Mobile CSP \(2 trimesters\)](#)***Prerequisite: Trigonometry*

Mobile Computer Science Principles will provide a broad and rigorous introduction to computer science based on MIT App Inventor, a programming language for creating apps for mobile devices. In Mobile CSP you will learn computer science by building socially useful mobile apps. In addition to programming and computer science principles, Mobile CSP is project-based and emphasizes writing, communication, collaboration, and creativity.

**Grades: 11, 12****Credit Type: Math   Grading Scale: College/Honors****532940: Pre-Calculus****\*NCAA approved course\****Must have previously passed: Trigonometry and meet PSEO class rank requirements.*

In this course students will analyze functions from a calculus perspective. The main topics include power, polynomial, rational, exponential, and logarithmic functions. The concepts of derivative and integral in calculus are introduced. Although this class is a prerequisite to Calculus, it is also a good overview of many math topics and serves as a good precursor to College Algebra or as a math class to take your senior year before entering college.

**Grades: 11, 12****Credit Type: Math   Grading Scale: College/Honors****532935 & 532936: AP Statistics (2 trimesters)****\*NCAA approved course\****Must have previously passed: Intro to Statistics and Algebra 2B*

Advanced Placement (AP) Statistics is the equivalent to a one-semester non-calculus based college course, similar to an introductory statistics course required in many colleges for majors in the social sciences, health sciences, and business departments. Students are introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The amount of college credit earned is determined by the score on the AP exam, given at the end of the course. This course is two trimesters in length and is offered second and third trimester.

**Grades: 11, 12****Credit Type: Math   Grading Scale: College/Honors**

**535051 & 535052: CIS Algebra (2 trimesters)**

**\*NCAA approved course\***

*Must have previously passed: Trigonometry and meet PSEO class rank requirements.*

This course includes the following topics: fundamental concepts of algebra, equations and inequalities, functions and graphs, polynomial and rational functions, inverse, exponential and logarithmic functions, and systems of equations and inequalities.

*Dual Enrollment with: SMSU*

*College Course: MATH110*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 30+ min/day*

**Grades: 11, 12**

**Credit Type: Math**

**Grading Scale: College/Honors**

**535356 & 535357: CIS Calculus 1 (2 trimesters)**

**\*NCAA approved course\***

*Must have previously passed: Pre-Calculus and meet PSEO class rank requirements.*

College Calculus 1: The course begins with a brief pre-calculus review. Topics covered in this course include limits and their properties, differentiation, applications of differentiation, integration, the calculus of logarithmic, exponential, and other transcendental functions, differential equations, and applications of integrals.

*Dual Enrollment with: SMSU*

*College Course: MATH150*

*College Credit Potential: 5*

*Additional Work Required Outside of Class Time: 45+ min/day*

**Grades: 11, 12**

**Credit Type: Math**

**Grading Scale: College/Honors**

# Music

## 9th & 10th Grades

### ★ Band Notes:

- 4-5 Sectional Lessons per trimester are required of all students in Charger Band. Lesson schedules are sent out at the beginning of each trimester.
- Students are highly encouraged to register for Charger Band for all three trimesters.
- Attendance at all performances is mandatory in order to earn a passing grade.

### ★ Choir Notes:

- Sectional Lessons each trimester are required of all students in Charger Choir
- Students are highly encouraged to register for Charger Choir for all three trimesters.
- Attendance at all performances is mandatory in order to earn a passing grade.
- If registering for only two trimesters of Choir, students are strongly encouraged to take: Trimester 1 and Trimester 2.
- If registering for only one trimester of Choir, please register for: Trimester 2.

## Charger Band 9-10

*Must have previously participated in 8th grade band or have permission from the instructor.*

Concert Band 9-10 is a focused study on a chosen instrument to develop musicianship, music reading skills, and performance skills. Performance of all types of music literature will demonstrate understanding and level of development. Formal concerts will be given during the year plus many other performance opportunities. Grades will be based on classroom participation, performance, pep band gigs, formal concerts, and contest participation. Other opportunities as an outgrowth of 9-10 grade band include marching band, Drumline, and jazz ensembles.

**Grades: 9, 10**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

## Charger Choir 9-10

Charger Choir 9-10 will focus on helping students through the transition from the choral facet of 8th grade choir to high school choir. Along with this focus, attention will be given to the development of the individual voice, sight reading skills, rehearsal demeanor and musical appreciation and understanding. Other forms of assessment may include the analysis of choral performances and the analysis of one's individual performance. The choir will perform at concerts, Large Group Vocal Contest, and events throughout the year to showcase class achievement and to develop and foster performance skills and experience. \*\*Students with a great appreciation for music and singing who want to be challenged musically are encouraged to register for Charger Choir. A high level of student commitment to excellence and participation is expected.

**Grades: 9, 10**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

## Music Studies 9-10

Students who are not in both Band and Choir will have Music Studies 9-10 the other half of the period. Music Studies 9-10 will focus on continuing to rehearse their selected concert music, music literacy through the study of sight-reading, ear-training, and music theory. Music Studies 9-10 will focus on further development of students' musicianship and literacy skills to prepare them for their high school ensembles and other musical pursuits after graduation. Students will be expected to practice during this time and complete assignments.

**Grades: 9, 10**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

Courses	Trimester 1	Trimester 2	Trimester 3
Band and Choir	888815	888816	888817
Band and Music Studies	888818	888819	888820
Choir and Music Studies	888821	888822	888823

## 11<sup>th</sup> & 12<sup>th</sup> Grades

### ★ Band Notes:

- Attendance at all performances is mandatory in order to earn a passing grade.
- Students are strongly encouraged to register for all three trimesters of Band.
- If registering for only two trimesters of Band, students are strongly encouraged to take: Trimester 1 and Trimester 2.
- If registering for only one trimester of Music, please register for: Trimester 2.

### ★ Choir Notes:

- Sectional Lessons each trimester are required of all students in Charger Choir.
- Attendance at all performances is mandatory in order to earn a passing grade.
- Students are strongly encouraged to take all three trimesters of Choir.
- If registering for only two trimesters of Choir, students are strongly encouraged to take: Trimester 1 and Trimester 2.
- If registering for only one trimester of Choir, please register for: Trimester 2.

## Concert Band 11-12

*Must have previously participated in 9-10 grade band or have permission from the instructor.*

Symphonic Band 11-12 is a focused study on a chosen instrument. Large group rehearsal as well as solos and ensembles will rehearse during the course of the year. Technique receiving concentration will include tone, articulation, balance, blend, and intonation. Music selections will cover a wide genre of music from earliest forms and styles to the most contemporary and popular styles. Formal concerts and events will be given during the year plus many other performance opportunities. Grades will be based on classroom participation, performance, pep band, solo/ensemble, formal concerts and contests. Other opportunities as an outgrowth of concert band will be jazz ensemble, marching band and Drumline. \*\*Students with a high level of music appreciation who want to be challenged musically are encouraged to register for Concert Band. A high level of student commitment to excellence and participation is expected.

**Grades: 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

## Concert Choir 11-12

Concert Choir 11-12 will focus on helping students develop a deeper understanding of choral music and the choral ensemble. Along with this focus, attention will be given to the development of the individual voice, sight reading skills, rehearsal demeanor and musical appreciation and understanding. Other forms of assessment may include the analysis of choral performances and the analysis of one's individual performance. The choir will perform at concerts, Large Group Vocal Contest, and events throughout the year to showcase class achievement and to develop and foster performance skills and experience. \*\*Students with a great appreciation for music and choral singing who want to be challenged musically are encouraged to register for Concert Choir. A high level of student commitment to excellence and participation is expected.

**Grades: 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

## Music Studies 11-12

Students who are not in both Band and Choir will have Music Studies 11-12 the other half of the period. Music Studies 11-12 will focus on continuing to rehearse selected concert music, music literacy through the study of sight-reading, ear-training, and music theory. Music Studies 11-12 will focus on further development of students' musicianship and literacy skills to prepare them for their high school ensembles and other musical pursuits after graduation. Students will be expected to practice during this time and complete assignments.

**Grades: 11, 12**

**Credit Type: Fine Arts**

**Grading Scale: Standard**

Courses	Trimester 1	Trimester 2	Trimester 3
Band and Choir	888815	888816	888817
Band and Music Studies	888818	888819	888820
Choir and Music Studies	888821	888822	888823

## Other

### **534854: CIS Nursing Assistant**

*Note: Limit 15 students with senior priority. Information subject to change.*

*Must meet PSEO requirements. If PSEO requirements are not met, an appeal must be submitted to SCTCC prior to the start of class.*

The student will be introduced to concepts of basic human needs for a variety of populations with emphasis on the geriatric population. The student will also be introduced to safe environment, emergency measures and basic nursing skills. Skills are performed in a supervised laboratory and in the clinical setting. This course is intended to prepare students for employment as Nursing Assistants. The Federal and State OBRA laws and Minnesota Department of Health requirements are met in this course.

Student Learning Outcomes:

- ★ The student will be able to summarize acceptable behavior which complies with the Resident Bill of Rights, Vulnerable Adult Act, ethics and etiquette.
- ★ The student will be able to demonstrate effective communication and observation skills through conversation, active listening and gathering of facts related to residents' care.
- ★ The student will be able to recognize and demonstrate appropriate resident unit order to meet safety needs of the resident and staff.
- ★ The student will be able to examine the importance of adequate food and fluid balance with elimination.
- ★ The student will demonstrate safe care of the resident when meeting their basic needs during activities of daily living (ADLs) which will include special populations.

*Dual Enrollment with: St. Cloud Technical & Community College Course*

*College Course: HLTH1402*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: Clinicals = 28 hours*

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: College/Honors**

### **532606, 535379, 535380: Drivers Education & Safety (Tri 1, Tri 2, Tri 3)**

*Note: 2023-2024 fees have not been set at this time. Participants should anticipate a combined fee for the Drivers Education Course and Behind the Wheel of around \$260 based on the 2022-23 fees.*

Driver's Education helps develop awareness of risks in driving which is a critical life skill. This is the classroom requirement of the Minnesota Graduated Driver's License Law, which prepares students to take the driver's permit exam. This course will also identify the need for and value of first aid training for self-help, vehicle emergencies and crisis situations. In order for a student to receive behind the wheel instruction through the Driver's Education Program, they must have been in compliance with the Driver Education Policy 650. This information is available to students and parents during ninth grade orientation and during the classroom phase. For students who are new to the district, it is their responsibility to obtain this information if they plan to take Behind the Wheel.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Pass/Fail**



## Physical Education and Health

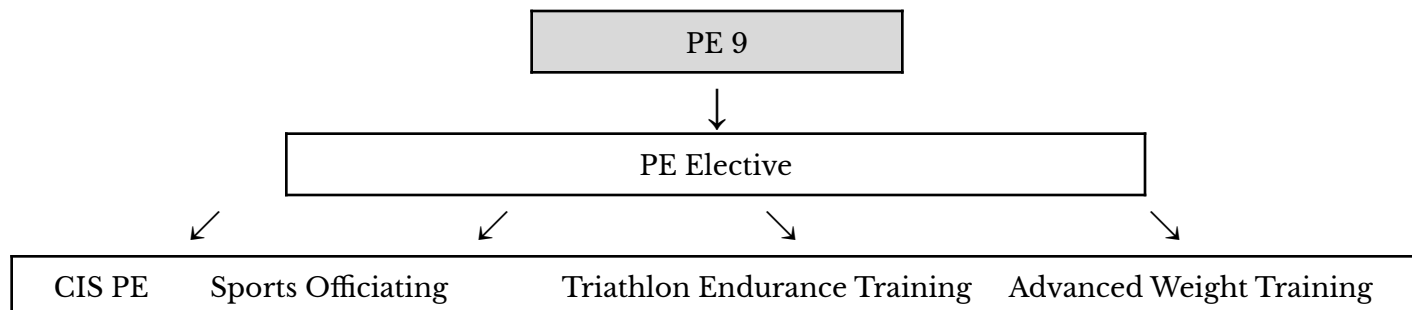
*Fitness Activities in the swimming pool could be incorporated into elective classes.*

*In physical education heart rate monitor watches are used on a regular basis for cardiorespiratory purposes.*

*Each student will have the option to purchase their own heart rate monitor wrist band for \$5.*

*This fee can be paid through the Physical Education Department or online through Campus Portal.*

*Otherwise, students will have clean but used heart rate monitor wrist bands provided.*



### **532602: Physical Education 9**

It is the objective of this course to develop muscular strength, endurance, coordination, skills, leadership qualities, teamwork and an appreciation for lifetime sports. This appreciation is gained through practicing and testing of fundamental skills, participation and knowledge of the rules.

**Grade: 9**

**Credit Type: PE 9**

**Grading Scale: Standard**

### **532601: Health & Wellness 10**

This course will focus on personal health and wellness. The student will strive to develop health knowledge, decision making skills and behavior skills to build a lifelong healthy life-style and avoid problems in the following areas: tobacco use, alcohol and other drug use, sexual behaviors leading to HIV/other STDs, and unintended pregnancy, intentional and unintentional injury, sedentary lifestyle and poor dietary practices.

**Grade: 10**

**Credit Type: Health 10**

**Grading Scale: Standard**

### **532614: Team Sports**

This course will emphasize team activities that will develop sportsmanship and teamwork. Students will acquire an appreciation for various activities, have knowledge of the rules of the games, and be given an opportunity to develop advanced skills and strategies. Team sports may include, but are not limited to, games and variations of games such as: softball, cricket, volleyball, basketball, soccer, football, ultimate frisbee, team handball, lacrosse, etc. Team sports may be seasonal depending on the Trimester the course is offered.

**Grades: 10, 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **532615: Individual & Dual Activities**

The emphasis of this course is on individual and dual activities which can provide lifelong enjoyment. Activities may be recreational, competitive, social, and fitness based. Knowledge of rules, techniques, etiquette, and advanced skills and strategies will be emphasized. Individual and dual activities may include, but are not limited to games such as: golf, badminton, pickleball, table tennis, horseshoes, bocce ball, croquet, ice skating, cross-country skiing, archery, rollerblading, fitness, etc. These individual and dual activities may also be seasonal depending on the trimester that the course is offered.

**Grades: 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **532612: Personal Safety & Tactical Fitness**

This course introduces basic self-defense techniques, as well as providing vital information on personal safety, awareness, and risk reduction. Students will participate in a variety of activities to develop their skill-related and health-related fitness levels.

**Grades: 10, 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **532613: Strength Training & Conditioning**

This course will allow students to participate in a well rounded weight training and conditioning

program. The physiological principles of training will be stressed. Activities for the course will include; weight room, agility drills, plyometrics, medicine ball workouts, pilate workouts, cardiovascular workouts, and working on muscular strength, endurance, and flexibility. Students will be able to focus on their individual needs.

**Grades: 10, 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **535039: Female Strength Training & Conditioning**

This course is the Strength Training & Conditioning course, with only female students.

**Grades: 10, 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **565005: Advanced Weight Training**

*Must have previously passed: Strength Training and Conditioning.*

This course is designed to offer a systematic strength training program and conditioning techniques. The physiological, biomechanical, and nutritional principles of training will be stressed. Activities for the course will include; weight room, agility drills, plyometrics, medicine ball workouts, Pilate workouts, cardiovascular workouts, and working on muscular strength, endurance, flexibility and nutrition. Students will be able to focus on their individual needs and how to create programs for others.

**Grades: 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **535500: Unified Physical Education**

*Must have previously passed: PE 9 (B or better) & PE Elective*

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

**Grades: 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **535371: Triathlon Endurance Training (Not offered 2023-2024)**

*Must have previously passed: PE 9 & PE Elective*

*Note: Students will need a bicycle and helmet for this course.*

This course is a higher level fitness class which prepares students to complete a triathlon. Students will build their cardiorespiratory stamina and muscle strength by progressively increasing training distances throughout the trimester. Students will learn about proper training techniques, nutrition, safety, and mental fortitude as they prepare. The culmination of this course will have students completing a class triathlon which will include a swim, bike and run. This course will be offered during the spring trimester.

**Grades: 10, 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **532616: Sports Officiating**

*Must have previously passed: PE 9 & PE Elective*

Students will work to apply the knowledge and skills gained in previous physical education classes to play and officiate the sports of baseball, basketball, football, softball and volleyball. Officiating rules from the Minnesota State High School League and the Wright County Conference will be used as guides for this course. Upon successful completion of competencies in this course, a student will become eligible to officiate youth activities within our district.

**Grades: 11, 12**

**Credit Type: PE Elective**

**Grading Scale: Standard**

### **535372: CIS Physical Education: Aerobic Fitness & Fitness for Living**

*Must have previously passed: PE 9 & PE Elective and meet PSEO class rank requirements.*

This course is designed to provide the groundwork for students to be able to design their own total fitness program and provides information that is relevant to each person's particular fitness goals, showing students how to alter their programs as their needs change. Individual physical limitations, weight problems and cardiovascular fitness levels are all significant parts of this course design.

This class will also enhance cardiovascular health by studying appropriate physiological principles. Students will also participate in one or more forms of aerobic exercises; e.g. walking, running, swimming, cycling, skiing, dancing, etc.

*Dual Enrollment with: SCSU*

*College Course: PESS120, PESS122*

*College Credit Potential: 2*

*Additional Work Required Outside of Class Time: 3 hours/week*

**Grades: 11, 12**

**Credit Type: PE Elective**

**Grading Scale: College/Honors**

## Science

Suggested year to take courses	Traditional college path 2 or 4 year (non-science)	Engineering/ Technology	Medical field	Non-Science Career
9th grade	Earth and Space 9 (2 trimesters)			
10th grade	Biology A			
	Biology B / Horticulture B			
11th or 12th grade	Chemistry or Physics (2 trimesters)	Physics (2 trimesters)	Medical Terminology (10-12)	Food Chemistry (2 trimesters)
	Elective science course	Chemistry (2 trimesters) or CIS Chemistry (3 trimesters)	CIS Human Biology (2 trimesters) or CIS Chemistry (3 trimesters)	Elective science course
		Robotics (9-12)		
Electives	Robotics, Forensics, Medical Terminology, Environmental Science			

### 545900 & 545901: Earth and Space (2 trimesters)

\*NCAA approved course\*

Earth and Space is a required lab-based science class for students in 9th grade. During the school year, students will study the earth, its systems and the impact of human activity. These two courses will meet standards in earth and space. Students will also gain a basic understanding of the nature of scientific inquiry, problem-solving and the limitations of science.

**Grade: 9**

**Credit Type: Earth and Space**

**Grading Scale: Standard**

### 533203 & 533204: Biology (2 trimesters)

\*NCAA approved course\*

Biology is a lab based class devoted to the study of living organisms. Students will gain an understanding of the historical and modern nature of scientific inquiry, the limitations of the process of science, various biology concepts, theories, and principles such as DNA, Proteins, Natural Selection, the diversity of living organisms, cells, photosynthesis, respiration, cell reproduction, and genetics,

**Grades: 10, 11, 12**

**Credit Type: Biology**

**Grading Scale: Standard**

### 533227: Environmental Science of MN

\*NCAA approved course\*

Environmental Science of MN is a course designed to study the ecosystems of MN and the factors that influence them. Students will learn about the various biomes and landscapes, MN lakes and rivers, and native plants. Students will conduct scientific research to discover the balance of nature, interactions between MN wildlife, and the impact of human influence. Through the use of local wetlands, field observations, and studying environmental issues we will learn the challenges our environment faces. A background in Biology is very helpful. This is a one trimester class only offered spring semester.

**Grades: 10, 11, 12**

**Credit Type: Biology**

**Grading Scale: Standard**

### 535417: Medical Terminology

\*Not NCAA approved\*

This course will allow students to use and apply the correct medical terminology to the various systems of not only humans but other animals as well. The student will learn the prefixes, roots, and suffixes commonly used in any medical field. This course is also an introduction to human anatomy. This course is helpful to anyone looking at the medical and veterinary fields.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### 535367 & 535368: Chemistry (2 trimesters)

\*NCAA approved course\*

*For Chemistry B, must have previously passed (or concurrent registration): Algebra 2 A*

Chemistry is a lab based, college-prep course designed to challenge any student interested in furthering their education in the sciences or science related fields. This is a class that goes well beyond the basic

level. Students will expand their knowledge of atomic theory, atomic structure, periodic behaviors of the elements, chemical & physical properties of matter, chemical formulas and reactions.

**Grades: 11, 12**

**Credit Type: Chemistry**

**Grading Scale: Standard**

**535369 & 535370: Physics (2 trimesters)**

**\*NCAA approved course\***

*For Physics B, must have previously passed (or concurrent registration): Algebra 2 A*

Physics is a college-prep course designed to expand a student's understanding of the laws of physics through hands-on labs, discussion, problem-solving techniques and other learning methods. Students will be given multiple opportunities to demonstrate their level of knowledge of each physics related concept. Students will study such topics like mechanics, materials, waves, and electricity.

**Grades: 11, 12**

**Credit Type: Physics**

**Grading Scale: Standard**

**535421: Robotics**

**\*NCAA approved course\***

Robotics students are tasked with designing and building a robot to play against other teams in a game-based engineering challenge. Classroom STEM concepts are put to the test as students learn lifelong skills in teamwork, leadership, communications, programming, design, and function. A VEX robotics competition is used as a game students will design robots to compete in. Basic block or line based programming is taught to run your robot. \$20 Course Fee.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**535418: Forensic Science**

**\*NCAA approved course\***

This course will allow students to delve into the world of forensic science. Students will be able to record a crime scene in different formats (sketch and digital), use evidence from a crime scene to engage in argument from the evidence based on the development of models, investigations, using mathematics and critical thinking skills, filling out lab reports using analysis and interpretation of data in regards to glass, hair, blood, handwriting, and anatomical terms.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

**535382 & 535383: CIS Human Biology (2 trimesters)**

**\*NCAA approved course\***

*Must have previously passed: Biology, PSEO class rank requirements and Medical Terminology suggested.*

This course is rooted in the anatomy (structures) and physiology (functions) of the human body. These include the smallest level of the cell to the entire organism. Students will get a strong background in the basic structures and functions of the organ systems that make up the human. The student will have to memorize the names, locations, and functions of these systems from the cell level to the full organ system. This course will prepare the student for future courses in any medical or sports medical field including the veterinary field. Students will also learn to conduct and write peer review science lab papers. Labs include chick and pig dissections, heart rate and blood pressure changes, enzymes in the digestive system, and microscope use.

*Dual Enrollment with: SCSU*

*College Course: BIOL103*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 1 hour/day*

**Grades: 11, 12**

**Credit Type: Biology**

**Grading Scale: College/Honors**

**533229, 533230 & 533231: CIS Chemistry (3 trimesters) (Not offered 2023-2024)**

**\*NCAA approved course\***

*Must meet PSEO class rank requirements. General chemistry or teacher recommendation is highly recommended prior to taking CIS Chemistry.*

This lab-based chemistry course is designed to satisfy the science elective requirement for any college major. Students thinking about a career in science, science instruction at a high school or college level, medicine, or engineering, are strongly encouraged to take this course. Studies will start with chemical and physical properties of matter, advance through chemical bonding and chemical relationships in reactions and finally end with electrochemistry. Lab work provides an introduction to classical and instrumental methods of analysis.

*Dual Enrollment with: SMSU*

*College Course: CHEM231 & CHEM232*

*College Credit Potential: 9*

*Additional Work Required Outside of Class Time: 3-5 hours/week*

**Grades: 11, 12**

**Credit Type: Chemistry**

**Grading Scale: College/Honors**

## Social Studies

9th Grade		10th Grade	11th or 12th Grade		
Civics	Early American History	American History	Geography	World History:  Ancient or Modern	Social Elective:  Perspective & Trends or Sociology or Psychology I or 2nd World History or CIS Psychology or CIS Political Science
			Sports & The Social Sciences <i>(Must be the 8th Social Studies credit)</i>		

### **533301: Civics 9**

\*NCAA approved course\*

This 9<sup>th</sup> grade American Civics course will emphasize the study of our nation's government and its role in the United States. Students will examine the U.S. Constitution, our individual rights and responsibilities, the federal government and its 3 branches, as well as our state and local governments.

**Grade: 9      Credit Type: Civics 9      Grading Scale: Standard**

### **533305: Early American History 9**

\*NCAA approved course\*

The American history component will allow students to develop a knowledge and understanding of U.S. history from the post Civil War era through the 1920s.

**Grade: 9      Credit Type: Early American History      Grading Scale: Standard**

### **533303 & 533304: American History 10 (2 trimesters)**

\*NCAA approved course\*

Through this course students will develop a knowledge and understanding of United States history from 1920 to the present. American History A begins with the Great Depression and will conclude early in the Cold War. American History B will start with the Cold War Era/Civil Rights movement and attempt to get to the 2000s.

**Grade: 10      Credit Type: American History      Grading Scale: Standard**

### **533315 & 533316: Alternate American History (2 trimesters) (Offered in 2023-2024)**

\*NCAA approval pending\*

*Must have Counselor or teacher recommendation*

This course will allow students to develop a knowledge and understanding of United States History. It will focus on past events and people that have shaped our country and world, and will examine how these people and events influence the present and future. This course will follow the same path and cover the same time period as American History 10 A/B.

**Grades: 10, 11, 12      Credit Type: American History      Grading Scale: Standard**

### **533335: Perspectives & Trends**

\*NCAA approved course\*

In this course, students will review and analyze important local, national, and international events which have occurred during their lifetime. They will examine these events to make connections that show the relevance to their own lives. Evaluating a variety of information sources will be a major component of the course.

**Grades: 11, 12      Credit Type: Social Elective      Grading Scale: Standard**

**533330: Geography****\*NCAA approved course\***

This course will provide students with a complete study of human geography. Students will develop an understanding of location, geographic features, physical and cultural characteristics, world patterns, and current problems in various world regions. Strongly suggested for 11<sup>th</sup> grade.

**Grades: 11, 12****Credit Type: Geography****Grading Scale: Standard****533327: Ancient World History****\*NCAA approved course\***

This course will cover the time period from the earliest civilizations of the Middle East and the Far East, Ancient Greece, and Ancient Rome. This course will focus on early civilizations by looking at past events and people that have impacted history.

**Grades: 11, 12****Credit Type: World History****Grading Scale: Standard****533328: Middle Ages World History (6th Century-19th Century)****\*NCAA approved course\***

This course will begin with the Middle Ages, which will focus on the widespread changes in religion, politics and economics throughout Europe. Then, the focus turns to new ideas and new Empires during the Renaissance and Reformation, the Age of Exploration, the Scientific Revolution and the Enlightenment. Then the course focus will be on the power of European monarchies and the challenges they faced during the Age of Absolutism. Finally, the course will study the French Revolution.

**Grades: 11, 12****Credit Type: World History****Grading Scale: Standard****535373 & 535374 Alternate World History (2 trimesters) (Not offered in 2023-2024)****\*NCAA approved course\****Must have Counselor or teacher recommendation*

This course will allow students to develop a knowledge and understanding of World History. It will focus on past events and people that have shaped our country and the world, and will examine how these people and events influence the present and future. This two trimester course will begin during the Stone Age and progress into the 1900's.

**Grades: 10, 11, 12****Credit Type: World History****Grading Scale: Standard****533329: Sociology****\*NCAA approved course\***

This course will define the sociological perspective and apply that perspective to group behaviors in society. Students will see a connection between the social forces around them and their own lives. Students will focus on various sociological phenomena and explain the causes of and attempt to find solutions to social issues. This course requires an aptitude for learning vocabulary and having a higher reading comprehension.

**Grades: 11, 12****Credit Type: Social Elective****Grading Scale: Standard****533313: Psychology 1****\*NCAA approved course\****Must have previously passed: social studies classes with a C+ or better*

Emphasis will be placed upon the history and methods of psychology, biology and behavior, consciousness, sleep and dreams, learning and memory, and intelligence. Students are strongly encouraged to take both Psychology 1 and 2 in order to have a full exposure to introductory psychology.

**Grades: 11, 12****Credit Type: Social Elective****Grading Scale: Standard****533314: Psychology 2****\*NCAA approved course\****Must have previously passed: Psychology 1*

Emphasis will be placed upon motivation and emotion, theories of personality, psychological tests, stress and health, psychological disorders, and methods of therapy.

**Grades: 11, 12****Credit Type: Social Elective****Grading Scale: Standard**

**535381: Sports & the Social Sciences****\*NCAA approved course\***

*Must have previously passed: All other Social Studies graduation requirements.*

*Note: Students may register for S.S.S. concurrently with their 7th social studies graduation credit.*

Sports: professional, and amateur have played a significant role throughout national and world history and in every aspect of our culture. Sports reflect our values and our aspirations. Sports are intertwined in our politics, history, culture, and economy. We will examine specific sporting events as well as general sports trends through each of the various social science disciplines (Economics, History, Political Science, Psychology, & Sociology), to gain a better understanding of the social sciences, but more importantly, a better understanding of our nation and its culture.

**Grade: 12****Credit Type: Social Elective****Grading Scale: Standard****535359 & 535360: CIS Psychology (2 trimesters)****\*NCAA approved course\***

*Must have previously passed: social studies classes with a B or better or instructor approval and meet PSEO requirements. If PSEO requirements are not met, an appeal must be submitted to SCSU prior to the start of class.*

The purpose of College Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. (*See general psychology description for topics*) They will also learn about the ethics and methods psychologists use in their science and practice.

*Dual Enrollment with: SCSU*

*College Course: PSY115*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 30+ min/day*

**Grade: 12****Credit Type: Social Elective****Grading Scale: College/Honors****535056: CIS Political Science (Not offered 2023-2024)****\*NCAA approved course\***

*Must have previously passed: Civics 9 or teacher recommendation and meet PSEO requirements.*

This course in American government and politics offers a broad study of the nation's formal and informal political institutions, the U.S. Constitution, intergovernmental relations, electoral politics, and various debates about governance and politics in the United States. The first half of the course will begin with the foundations of our republic, the political theory of the 18<sup>th</sup> century enlightenment, our Constitution: its creation, its body, and all 27 amendments. This will be followed by a thorough examination of the 3 branches of our federal government, the principles of federalism, and the relations between the U.S. Government and our state governments. The second half of the course will examine the issues of the day as they relate to the roles and positions of our political parties, the political culture in our nation, especially the media, and our elections both historical and current.

*Dual Enrollment with: SMSU*

*College Course: POL120*

*College Credit Potential: 3*

*Additional Work Required Outside of Class Time: 2-3 hours/week*

**Grades: 11, 12****Credit Type: Social Elective****Grading Scale: College/Honors**

## Spanish

*Spanish courses are designed for people who plan to **interact and work with others in their local and global communities**. If a student has more than beginning Spanish, talk to a Spanish teacher prior to registration.*

### **532501 & 532502: Spanish 1 (2 trimesters)**

**\*NCAA approved course\***

Spanish 1 is an introduction to Spanish communication and cultural competency. At the end of the course, students will be able to introduce themselves and ask about others, state and inquire about likes and dislikes, describe themselves and others, describe a day at school, and identify breakfast and lunch foods. Because of the nature of language acquisition, active participation is essential.

**Grades: 9, 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532503 & 532504: Spanish 2 (2 trimesters)**

**\*NCAA approved course\***

*Must have previously passed: Spanish 1*

Spanish 2 further develops skills from Spanish 1. At the end of the course, students will be able to identify healthy lifestyle choices, accept and decline invitations to participate in leisure activities, interpret and order off a menu at a restaurant, describe family birthday celebrations, and describe houses. Because of the nature of language acquisition, active participation is essential.

**Grades: 10, 11, 12**

**Credit Type: Elective**

**Grading Scale: Standard**

### **532505 & 532506: Spanish 3 (2 trimesters)**

**\*NCAA approved course\***

*Must have previously passed: Spanish 2*

Spanish 3 further develops skills from Spanish 2. At the end of the course, students will be able to describe houses, discuss buying and selling products, share vacation and volunteering experiences in communities, and give opinions related to cinematography. Because of the nature of language acquisition, active participation is essential. At the end of this course, students take the AAPPL proficiency test for college credit.

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: College/Honors**

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### **College credit available**

After Spanish 3 the AAPPL proficiency test is administered. Depending on the attained level of proficiency and completion of all English graduation requirements, students can earn up to 4 semesters of college credit of Spanish and biliteracy seals via the Minnesota Department of Education.

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### **Independent Study Options**

*Must have previously passed: Spanish 3 (C or better)*

If you would like to take additional Spanish as an Independent Study, please talk to a Spanish teacher.

**Grades: 11, 12**

**Credit Type: Elective**

**Grading Scale: College/Honors**

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