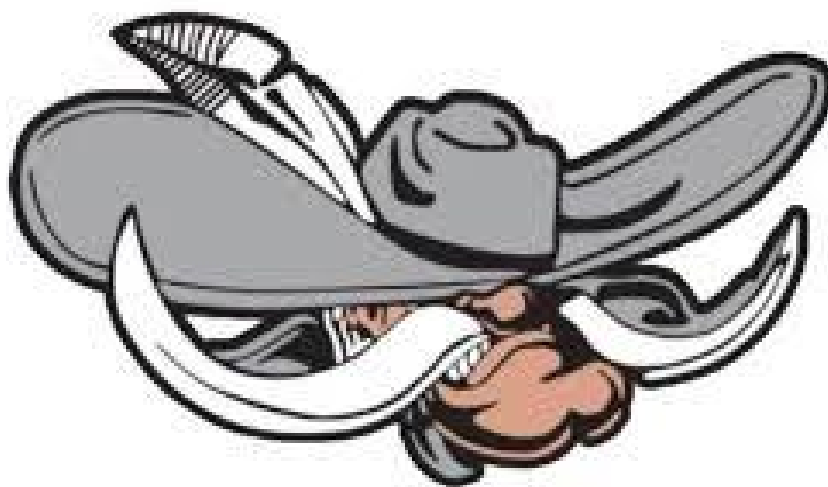

DILWORTH-GLYNDON-FELTON HIGH SCHOOL

2020-2021 REGISTRATION GUIDE



The Dilworth-Glyndon-Felton mission is to educate individuals in an environment of trust and respect, so they become self-directed, responsible, life-long learners.

TABLE OF CONTENTS

[Registration Guidelines](#)

[Course Changes](#)

[Registration Sheets](#)

[Graduation Requirements 2022](#)

[Graduation Requirements 2023+](#)

[Earning College Credit in High School](#)

[Student Support](#)

[District Testing](#)

COURSE DESCRIPTIONS

[Business](#)

[English](#)

[Family and Consumer Science](#)

[Mathematics](#)

[Music](#)

[Physical Education/Health](#)

[Science](#)

[Social Studies](#)

[STEAM](#)

[Visual Arts](#)

[World Language](#)

[Other](#)

REGISTRATION GUIDELINES

When registering, it is important for students to carefully plan their academic program to coincide with future plans, interests, aptitudes, and special abilities. Students should not sign up for a course with the intent of trying it out, and dropping it if it is not what they like. Discuss your program with your parents, teachers, and counselor. If you have questions about a particular course, see a teacher in that subject area.

Before registering for a course, make sure you meet the prerequisites (indicated on each course description in the Registration Guide).

All students must register for seven periods each semester. Local requirements may be waived for students transferring into the district at the discretion of the principal.

COURSE CHANGES

NO SCHEDULE CHANGES WILL BE MADE UNLESS:

- A student is not scheduled for a course she/he originally requested.
- A student has an incomplete schedule, and needs to add a course.
- A student does not meet the requirements for a course she/he is presently enrolled.
- A student needs to schedule a required course for graduation.
- A student is recommended by his/her teacher to move from one level to another within the same discipline.
- The change is a recommendation on a student's IEP, or the result of a special needs staffing for that student.
- A student needs to schedule a course that is required/recommended for admission to a post-secondary school or program.
- A change made at the discretion of the principal.

SCHEDULE CHANGES CAN ONLY OCCUR IN THE FIRST 5 DAYS OF A SEMESTER.

REGISTRATION SHEETS

(use grade level for 2021-2022 school year)

[Career Pathways](#)

[Grade 12](#)

[Grade 11](#)

[Grade 10](#) [\(quick guide elective options\)](#)

[Grade 9](#) [\(quick guide elective options\)](#)

[Back to Table of Contents](#)

DGF GRADUATION REQUIREMENTS FOR THE CLASS OF 2022

All students shall successfully complete the following courses:

1. The equivalent of 24 credits to include: .

A. Four credits of Language Arts to include:

One credit: English 9
One credit: English 10
Two credits: English electives

B. Four credits of Social Studies to include:

1/2 credit: Geography
1/2 credit: Civics
One credit: U.S. History
One credit: World History
1/2 credit: Government or College Government
1/2 credit: Economics

C. Three credits of Science to include:

1/2 credit: Introductory Physics
1/2 credit: Introductory Chemistry
One credit: Biology
One credit: Chemistry or Physics

D. Three credits of Math to include:

One credit: Algebra or Integrated/Concepts Algebra
One credit: Algebra II or Integrated/Concepts Algebra II
One credit: Geometry or Integrated/Concepts Geometry or College Algebra and College Trig

E. Other required credits:

1/2 credit: Technology Elective
1/2 credit: Finance Elective
1/2 credit: Health
1/2 credit: Physical Education 9
1/2 credit: Physical Education 10
1/2 credit: Physical Education Elective 11/12

F. Academic Arts to be chosen from one or a combination of the following content areas:

1. Music - One credit
2. Visual Arts - One credit
3. 1/2 Credit of each Music and Visual Arts

G. Remaining semester credits are of the student's choice or if the student has met requirements of an IEP/S04.

***Students must be registered for class all seven periods or the equivalence thereof.**

[Back to Table of Contents](#)

DGF GRADUATION REQUIREMENTS FOR THE CLASS OF 2023 AND BEYOND

All students shall successfully complete the following courses:

1. The equivalent of 24 credits to include: .

A. Four credits of Language Arts to include:

One credit: English 9
One credit: English 10
Two credits: English electives

B. Four credits of Social Studies to include:

1/2 credit: Geography
1/2 credit: Civics
One credit: U.S. History
One credit: World History
1/2 credit: Government or College Government
1/2 credit: Economics

C. Three credits of Science to include:

1 credit: Physical Science
One credit: Biology
One credit: Chemistry or Physics

D. Three credits of Math to include:

One credit: Algebra or Integrated/Concepts Algebra
One credit: Algebra II or Integrated/Concepts Algebra II
One credit: Geometry or Integrated/Concepts Geometry or College Algebra and
College Trig

E. Other required credits:

1/2 credit: Technology Elective
1/2 credit: Career Elective
1/2 credit: Finance Elective
1/2 credit: Health
1/2 credit: Physical Education 9
1/2 credit: Physical Education 10
1/2 credit: Physical Education Elective 11/12

F. Academic Arts to be chosen from one or a combination of the following content areas:

1. Music - One credit
2. Visual Arts - One credit
3. 1/2 credit of each Music and Visual Arts

G. Remaining semester credits are of the student's choice or if the student has met requirements of an IEP/S04.

***Students must be registered for class all seven periods or the equivalence thereof.**

[Back to Table of Contents](#)

EARNING COLLEGE CREDIT IN HIGH SCHOOL

- **Concurrent Enrollment**
 - Must be accepted to MState to register for courses.
 - College courses taken at DGF and taught by DGF faculty. College credit earned at MState and DGF.
 - Student must meet eligibility and registration requirements. Find out more on the [Counseling Website](#).
 - **Post-Secondary Enrollment Options (PSEO)**
 - College courses taken on college campus.
 - Eligibility and registration requirements need to be met through DGF and local college. Find out more on the [Counseling Website](#).
 - **eCampus in the High School (eCHS)**
 - Must be accepted to MState to register for courses.
 - College courses taken while on DGF campus but taught by MState faculty through online instruction.
 - Student must meet eligibility and registration requirements. Find out more on the [Counseling Website](#).
-

STUDENT SUPPORT

Counselors are available to meet with students:

- Mrs. Oman serves 11th and 12th graders
 - Mr. Wiskow serves 9th and 10th graders
-

GRADES 9-12 DISTRICT WIDE TESTING

Test	Grades Tested	Objectives/Uses
Minnesota Comprehensive Assessments in		To provide information about instruction of the Minnesota Academic Standards and help schools and teachers determine program improvements and individual student progress.
Reading MCA	10	
Mathematics MCA	11	
Science MCA	10	

[Back to Table of Contents](#)

ACCESS for ELs (WIDA)	English Learners 9-12	To assess the progress in the acquisition of academic English in the areas of reading, writing, listening and speaking for English Learners 9-12.
Special Education Tests as applicable	Specific students in all grades	To assess student needs for referral and special help; to assist with classroom placements and course adjustments.
Entrance tests for students new to the district	Specific students in all grades	
PSAT (pre SAT) <u>Note: This test will be offered once each October during a school day at DGF.</u>	11 (optional)	To provide information and assist in counseling individual college-bound students; all are norm referenced achievement tests; PSAT is the National Merit qualifying test
PreACT	10	
ACT <u>Note: This test will be offered once during a school day at DGF each spring as a state test.</u>	11 (optional)	
SAT / SAT II <u>Note: The SAT is offered at NDSU each year.</u>	11-12 (registration offered online through SAT)	
Armed Services Vocational Aptitude Battery (ASVAB) <u>Note: this will be offered once in the fall at DGF.</u>	11-12 (optional)	To determine students' vocational aptitude and interests; one option to meet the graduation requirement.

BUSINESS

Business Education courses relate academic subjects to the real world. Whether it relates to a career path or your own finances, no one can escape the need for business education and the skills these courses offer.

Area of Study	9	10	11	12
Business Courses	Computer & Business Communication	Computer & Business Communication	Business Law	Business Law
	Freshman Seminar	Intro to Business	Intro to Business	Intro to Business
Finance Courses			Financial Literacy	Financial Literacy
			Accounting I	Accounting I
			Accounting II	Accounting II
Technology Courses		Microsoft Office	Microsoft Office	Microsoft Office
		Digital Media	Digital Media	Digital Media
	Computer & Business Communication	Computer & Business Communication		
College Courses	Computer & Business Communication	Computer & Business Communication	CTPR 1104	CPTR 1104

21st Century Skills in Business:

Critical Thinking

Decision making
Problem solving
Self-assessment
Accountability

Communication

Nonverbal communication
Visual
Multi-mediums at once
Written critiques

Collaboration

Confidence
Focus
Cooperation
Interpersonal

Creativity

Perseverance
Storyboards
Risk taking
Design

[Back to Table of Contents](#)

Research	Presentation	Feedback	Design prototypes
Perspective	Interpersonal	Teamwork	
Setting goals	Literacy development	Critique	
Brainstorming	Individualized instruction	Digital skills	

Jobs involving business:

Business:

Accountants & auditors
Appraisers & assessors
Financial analysts
Claims adjusters/appraisers
Bank examiners & investigators
Banking & finance
Loan officers
Financial advisors
Compensation, benefits and job analysis specialists
Economic development specialists
Administrative support
Human resource management
Labor relations specialist
Insurance underwriters
Contract law
Market research analysts
Management
Entrepreneurship/small business
Purchasing managers, buyers & agents
Tax examiners & collectors
Revenue agents
Training & development specialists
Meeting, convention & event planners

Technology:

Software developer
Web developer
Photography
Graphic design
Digital publishing
Video production
Computer animation
Computer and information research
Computer networks architect
Computer programmer
Computer support specialist
Database administrator
Information security analysis
Network and computer systems

Course Descriptions

Accounting I and II*

(1/2 credit each semester)

Grade Level 11-12

***Prerequisite Accounting I**

Course ID: S1: 159, S2: 160

It is necessary that all people entering the business world have knowledge of accounting. Salespersons, bankers, office managers, clerical workers, business owners, farmers, and bookkeepers are just a few of the people who must have a basic understanding of the principles of accounting in order to succeed today. Poor financial records are the single largest reason for business failure. Accounting skills are also important for properly maintaining records at home.

****Completion of Accounting I & II may qualify the student for (3) Advanced Standing College Credits at Minnesota State Community and Technical College in Moorhead***

Business Law

(1/2 credit)

Grade Level 11-12

[Back to Table of Contents](#)

Course ID: 172

This course will introduce personal law topics that are of interest in today's society. Students will look at ethics, employment, credit, banking, bankruptcy, contracts, partnerships, and more. Important real-world cases for analysis and discussion will be presented. Students get to apply their legal knowledge in an entrepreneurial business setting.

Computer and Business Communications**(1/2 credit)****Grade Level 9-10 *Satisfies technology elective requirement****Course ID: 168**

The need for communication skills is important in virtually every career and it is vital to the success of employees and students. People need to communicate using words, numbers, and pictures. This class will focus on those communications with technology seamlessly integrated.

The course will take you through the basics of writing and formatting term papers, reports, letters and other business documents using word processing applications. Students will also gain hands-on experience with spreadsheets, slide show presentations, publications, email and Internet applications, while practicing their communication skills. Students will explore and understand the difference between device and cloud computing and know how to organize files for both.

Computer Applications**(1/2 credit)*****Teacher Approval Needed. Grade Level 11-12*****Prerequisite: CBC or MS Office I****Course ID: 150**

This course allows students to independently work on computer applications and projects as approved by the teacher. Students design and work on curriculum that is essential for work or college.

Digital Media I and II**(1/2 credit each semester)****Grade Level 10-12. DM II may be taken before DM I.****Course ID: 163**

Digital Media is about communicating electronically. It is a creative convergence of digital arts, technology, and business. If you should decide to pursue a career focusing on one or more fields related to image management, this course should provide a good foundation. This elective class focuses on concepts, not specific software, so you should be able to transfer your knowledge to different software. You will acquire both the concepts and the skills that will make it easier for you to pursue an in-depth study of your area of interest.

Financial Literacy**(1/2 credit)*****Required in 11th or 12th grade****Course ID: 154**

This class teaches students the necessary skills to function proficiently in today's society as consumers, citizens, and business people. The focal points in this class are: creating savings and investing plans, developing budgets and maintaining checking accounts, calculating taxes and preparing tax forms, properly using and managing credit, making good financial decisions in life, exploring career options, calculating insurance and understanding legal protection. ****Completion of Personal Finance may qualify the student for (3) Advanced Standing College Credits at Minnesota State Community and Technical College in Moorhead.***

Freshman Seminar**(1/2 credit)****Grade Level 9*****satisfies career elective****Course ID: 153**

This class will help students develop their pathway to employment. The pathway includes: creating a careers portfolio, realizing the importance of education, understanding the skills necessary to be successful in the workplace, learning and understanding about themselves through the use of assessment tests, aligning those

[Back to Table of Contents](#)

assessments with different occupations, researching and choosing an occupation, developing a high school schedule according to the occupation chosen, calculating the cost of college and determining which one to attend, looking at Q-Brief's and cover letters, applying for a job, keeping that job, and learning about the ten core virtues of character education.

Intro to Business

(1/2 credit)

Grade Level 10-12

Course ID: 171

Intro to Business is designed to explore the many functions of today's businesses. Topics discussed include forms of business ownership and organizational structures, making ethical decisions and managing a socially responsible business, economic systems and business, creating products and pricing strategies, distributing and promoting products and services.

Microsoft Office I and II*

(1/2 credit each semester)

Grade Level 10-12 *Satisfies technology elective requirement

***Prerequisite Microsoft Office I**

Course ID: 151, 152

This course is designed for the technical college-bound student who is an independent learner. The textbook is one used at technical and community colleges. Microsoft Word, Excel, PowerPoint, Access and Outlook are the programs covered in class for an overview of word processing, spreadsheets, databases, slideshows, email and keeping a calendar. An end-of-course job simulation ties all the products together in the final project.

****Completion of Microsoft Office I & II may qualify the student for (3) Advanced Standing College Credits at Minnesota State Community and Technical College in Moorhead.***

College Credit Courses

To enroll in these courses, you must have been accepted to MState and turned in all paperwork.

CPTR 1104 Intro to Computer Technology *eCHS (.75 credit/3 college credits)

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

Grade Level: 11-12

Course ID: 550

This course covers the operation of personal computer hardware and software. It provides an overview of a personal computer operating system and word processing, spreadsheet, presentation, email, scheduling, Internet and database management software.

ENGLISH

The [English language arts state standards](#) can be reviewed on the Minnesota Department of Education website.

	9	10	11 (1 credit)	12 (1 credit)
Required	English 9	English 10	American Lit (1 credit) Film Studies (.5 credit) Fiction Studies (.5 credit) Creative Writing I (.5 credit) Creative Writing II (.5 credit) Everyday English (.5 credit) Journalism (.5 credit) Fables, Myths, Legends (.5 credit)	British Lit (1 credit) Film Studies (.5 credit) Fiction Studies (.5 credit) Creative Writing I (.5 credit) Creative Writing II (.5 credit) Everyday English (.5 credit) Journalism (.5 credit) Fables, Myths, Legends (.5 credit)
College Courses			ENGL 1101 ENGL 1205 COMM 1120	ENGL 1101 ENGL 1205 COMM 1120 COMM 1130 COMM 1140
Electives		Journalism (.5 credit)	American Lit (1 credit) Film Studies (.5 credit) Fiction Studies (.5 credit) Creative Writing I (.5 credit) Creative Writing II (.5 credit) Everyday English (.5 credit) Journalism (.5 credit) Fables, Myths, Legends (.5 credit)	British Lit (1 credit) Film Studies (.5 credit) Fiction Studies (.5 credit) Creative Writing I (.5 credit) Creative Writing II (.5 credit) Everyday English (.5 credit) Journalism (.5 credit) Fables, Myths, Legends (.5 credit)

21st Century Skills in English:

Critical Thinking

Verbal reasoning
Research
Textual analysis
Understand evidence
Understand perspective
Build background

Communication

Speaking
Writing
Reading
Summarize
Write creatively
Vary with audience
Work with digital media
Correct grammar and syntax

Collaboration

Group work
Presentations
Sensitivity

Creativity

Writing
Acting
Speaking

Jobs involving English:

[Back to Table of Contents](#)

Law	Writer	Corporate blogger	Researcher
Politics	Lobbyist	Sales account manager	Church work
Social media manager	Grant / proposal writer	Web design	Museum work
Teacher	Retail	Policy analyst	Marketing
Broadcast	Public relations	eCommerce analyst	Human resources
Sales	Stock broker	Proposal manager	Technical writer
Editor	Corporate communications	Public service	Librarian
Computer work	Congressional aide	Nonprofit agencies	Business

Course Descriptions

English 9

(1 credit)

***required in Grade 9**

Course ID: S1: 84, S2: 84B

Short stories will be read with emphasis on the primary literary elements. The difference between fiction and nonfiction will be noted as the class reads independently-chosen novels and selections from the text. Students will also read and interpret two or three classic novels and major works of drama. The techniques of poetry will be introduced and students will write a memoir. Students will also work on listening, spelling and vocabulary skills. Grammar will be reviewed through editing written works and other exercises.

English 10

(1 credit)

***required in Grade 10**

Course ID: S1: 85, S2: 85B

Students will study extensive units on fiction (short stories and novels), nonfiction, drama, and poetry. A selection from Shakespeare will be included. Students will study both grammar and vocabulary through a variety of exercises. During this course, students will begin to understand and study research and academic writing. Students will present persuasive speeches utilizing research and public speaking skills and writing literary analysis essays. The literature studied consists of several selections from around the world, as well as the United States.

American Literature

(1 credit)

Grade Level: 11-12

***satisfies English Elective**

Course ID: S1: 30, S2: 30B

American Literature will follow the timeline of history, examining how literary trends in the United States were impacted and/or shaped by the events of the time. Students will be exposed to a wide variety of American authors and their works through poetry, drama, fiction and nonfiction selections. Critical thinking skills, in the form of analysis and interpretation of literary selections, will be emphasized through both discussion and a variety of both formal and informal writing assignments.

British Literature (1 and 2)

(1 credit)

Grade Level: 11-12

***satisfies English elective**

Course ID: S1: 40 S2: 40b

The material covered in this course is developed using the foundation of British literature, but will include selections from around the world and the United States. Novels written by major British and American authors will be read and other genres of British and American literature will be studied. A selection from Shakespeare will be read and viewed as well as several other selections from the medieval times to present day, including fiction and non-fiction pieces of writing. Students will be required to write literary analysis papers, as well as several formative

[Back to Table of Contents](#)

shorter writing pieces.

Creative Writing I

(1/2 credit)

Grade Level: 11-12

***Satisfies English elective**

Course ID: 50

This course is designed to allow students the opportunity to express their thoughts and ideas through writing in a low risk learning environment. This class will help students learn how to create and edit their own work, as well as the work of their peers. The students will learn how to develop their choice of voice, style, point of view, diction, mood, etc. in order to create artistic works in fiction and poetry. Class participation and work output is required for a successful experience in the creative writing classroom. Students will create and share an interwoven story concerning fictional characters.

Creative Writing II

(1/2 credit)

Grade Level: 11-12

***Satisfies English elective**

Course ID: 250

This course builds on writing skills from Semester 1; students will again create and edit their own work, as well as the work of their peers. The students will develop stronger choices of voice, style, point of view, diction, mood, etc. in order to develop memoir writing. Class participation and work output is required for a successful experience in the creative writing classroom. Memoirs will be used to create individual books.

Fiction Studies I

(1/2 credit)

Grade Level: 11-12

***Satisfies English elective**

Course ID: 60

This course is designed to take a closer look at novels, short stories, and works of drama. The class offers a variety of genres ranging from classic to contemporary. Students will be required to read several novels and other works of fiction in this reading-intensive course. Students will also participate in group discussions revolving around the themes of the literature. Students will learn to analyze literature through a variety of perspectives and interpret the information to show an understanding of the material. Assessment of students in this course is based on class participation, discussion, comprehension of material and completion and sharing of projects.

Film Studies

(1/2 credit)

Grade Level: 11-12

***Satisfies English elective**

***Course does not meet NCAA requirements**

Course ID: 70

In this course, students will examine the medium of film. The elements of film (genre, lighting, editing, sound, music, narration) will be studied through the use of both classic and contemporary films. Participation in class discussion, as well as a variety of projects and presentations, will be used to reinforce students' understanding of the material.

Intro to Speech and Debate

(1/2 credit)

Grade Level: 11-12

***Satisfies English elective**

Course ID: 51

Being able to speak in public is challenging, and we know that employers look for people with confidence and speaking skills. Introduction to Speech and Debate will help students overcome the fear of speaking in public and will aid them in developing solid speech skills. Students will be introduced to interview skills, informative and persuasive speaking, discussion, interpretive speaking and Public Forum Debate. This is an excellent class for the beginning speaker who is contemplating taking College Intro to Public Speaking.

[Back to Table of Contents](#)

Everyday English

(1/2 credit)

Grade Level: 11-12

***Satisfies English elective**

***Course does not meet NCAA requirements**

Course ID: 90

The course will teach students to communicate effectively in English in professional contexts. Students will expand their English vocabulary, improve their ability to write and speak in English in both social and professional interactions, and learn terminology and skills that you can apply to business negotiations, telephone conversations, written reports and emails, and professional presentations.

Skills: grammar, sentence structure, business vocabulary

Oral: telephone, presentation, interviewing, and negotiation skills

Written: advanced email etiquette, cover letters, resumes, standard business letters, and memos

Reading: professional development

Social: networking, marketing

Journalism

(1/2 credit)

Grade Level: 10-12

***Satisfies English elective for juniors/seniors; elective for 10th grade**

Course ID: 91

The course will cover the basic concepts of reporting and non-fiction writing. Students will encounter various article formats and work towards developing their voice using various writing styles. They will uncover the history of journalism and speculate on the direction that this noble profession will take in the future. They will discuss journalistic ethics and think critically about bias in reporting. Students will learn how to conduct a thorough interview, demonstrate an understanding of the importance of copy editing and revising stories, and will consistently demonstrate the ability to meet deadlines that conform to the demand in the professional media world.

Fables, Myths, and Legends

(1/2 credit)

Grade Level: 10-12

***Satisfies English elective for juniors/seniors; elective for 10th grade**

Course ID: 92

Since the beginning of humankind, people have told stories of mighty gods, exhilarating journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Fables, myths, and legends have provided a way for these stories to come to life for thousands of years. This course will illustrate how these famous anecdotes have helped humans make sense of the world. Students will spend time studying stories from cultures around the world, learn to differentiate between these genres, and explore the universality and social significance of fables, myths, and legends.

College Credit Courses

To enroll in these courses, you must have been accepted to MState and turned in all paperwork.

ENGL 1101 College Writing

(1/2 HS credit/3 College credits)

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

***satisfies English elective**

Course ID: 510

English 1101 is an introductory writing course designed to prepare students for later college and career writing. The course focuses on developing fluency through a process approach, with particular emphasis on revision. Students will consider purpose and audience, read and discuss writing, and further develop their own writing processes through successive revisions to produce polished drafts. Course work will include an introduction to argumentative writing, writing from sources, and a short research project.

[Back to Table of Contents](#)

ENGL 1205 Writing About Literature**(1/2 HS credit/3 College credits)**

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS. Also, successful completion of ENGL 1101.

***satisfies English elective**

Course ID: 511

English 1205 builds on the foundation of English 1101 and provides students with additional opportunities to develop fluency in their writing through a process approach. Students will read critically from a variety of literary genres, explore meaning through research, and respond through discussion and writing.

COMM 1120 Intro to Public Speaking**(1/2 HS credit/3 College credits)**

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS

***May be offered through eCHS**

***satisfies English elective**

Course ID: 520

This course clarifies the process of oral communication, clarifies the basic principles of public speaking, and allows the student to increase the application of these principles both while speaking and while listening.

COMM 1130 Small Group Communication**(1/2 HS credit/3 College credits)**

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS.

***May be offered through eCHS**

***satisfies English elective**

***This course is not approved by the NCAA.**

Course ID: 512

This course focuses on communication issues in small groups and the importance of small group work in business today. Emphasis is placed on improving communication skills for successful teamwork, group cohesiveness and the responsibility to group goals and tasks. Students will be provided with opportunities to build their group communication skills through practice.

COMM 1140 Interpersonal Communications**(1/2 HS credit/3 College credits)**

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS.

***May be offered through eCHS**

***satisfies English elective**

***This course is not approved by the NCAA.**

Course ID: 1140

This course will focus on improving students' abilities to communicate effectively in one-to-one dyadic encounters by providing experience based instruction. Extensive in-class and out-of-class analyses and research allow the student to examine his/her own and others' informal social interactions. The long-term goal is for the student to apply interpersonal communication theories to daily interactions and draw his/her own conclusions about the effectiveness of his/her communications.

FAMILY AND CONSUMER SCIENCE (FACS)

Family and Consumer Science courses offer opportunities that prepare students for life. Subject matter in these courses help students as they move through the different stages of their lives and prepare for their careers and community involvement. Courses address specific content

[Back to Table of Contents](#)

skills, 21st century workforce skills, and relationship skills that students will need to be successful in their careers, community and family life.

Family and Consumer Science classes prepare students for the rest of their lives!

The [FACS national standards](#) can be reviewed on the National Association of Teacher Educators for Family and Consumer Sciences website.

Please observe the prerequisites listed in the course descriptions.

Category	9	10	11	12
Foods	Foods I	Foods I	Foods I	Foods I
	Foods II	Foods II	Foods II	Foods II
		International Foods	International Foods	International Foods
Life Management Skills	Family & Interpersonal Communication	Family & Interpersonal Communication	Family & Interpersonal Communication	Family & Interpersonal Communication
	Housing & Design	Housing & Design	Housing & Design	Housing & Design
	Child Development & Parenting	Child Development & Parenting	Child Development & Parenting	Child Development & Parenting
	Sewing & Textiles	Sewing & Textiles	Sewing & Textiles	Sewing & Textiles

21st Century Skills in family and consumer sciences:

Critical Thinking

Perspective
Problem solving
Self-assessment
Accountability
Research
Brainstorming

Communication

Nonverbal communication
Interpersonal communication
Presentations
Written critiques
Digital literacy
Listening skills

Collaboration

Teamwork
Feedback
Cooperation
Interpersonal
Shared responsibility
Management

Creativity

Design
Personal expression
Flexible thinking

[Back to Table of Contents](#)

Goal setting
Decision making
Inventive thinking
Organization
Prioritizing

Time management

Jobs involving family and consumer sciences:

Management	Counseling	Family therapy	Architecture
Child care	Teaching	Marriage counseling	Caterer
Social work	Nutrition	Personal finance	Event manager
Food service	Sales	Retail	Grocery store owner
Hospitality industry	Interior design	Real estate	Produce manager
Foster care	Chef / Culinary skills	Negotiator	Grocery warehouse
Designing	Career counseling	Pediatric care	
Financial consultant	Job services	Psychology	

Life itself — food, children, family, housing, personal living including a career. Skills needed to function in society today!

Course Descriptions

Foods I

(1/2 credit)

Grade Level: 9-12

Course ID: 204

This class teaches basic food preparation skills, nutrition basics, meal appeal, and how to select and prepare quality food. Students will utilize interpersonal and small group skills when working in cooperative groups in the foods lab. Students will learn about and prepare a variety of food items including: breads, fruits, vegetables, dairy, breakfast dishes, desserts, etc. A class fee of \$10.00 is required for food cooked and consumed.

Foods II

(1/2 credit)

Grade Level: 9-12

***Prerequisite Foods I**

Course ID: 201

This foods class broadens an understanding and appreciation of food and further develops cooking skills and techniques. Students will utilize food preparation skills and meal planning that goes beyond the basics. A class fee of \$10.00 is required for food cooked and consumed.

Child Development and Parenting

(1/2 credit)

Grade Level: 9-12

Course ID: 203

In this class we will study the development of a child from infancy through preschool. Conception, pregnancy, birth and parenting theories will also be focus areas. You will be able to experience a simulated pregnancy by wearing the Empathy Belly and practice your infant care skills by parenting the Real Care infant simulator for 2 days and nights. Observation and working with young children may be a part of this class if time allows.

[Back to Table of Contents](#)

International Foods

(1/2 credit)

Grade Level: 10-12

***Prerequisite Foods I or Foods II**

Course ID: 204-2

This foods class increases awareness and appreciation for cultures and cuisines from around the world. Students will develop their cooking skills and techniques while preparing ethnic dishes. Emphasis will also be placed on culture and how it influences food choices and preparation techniques. A class fee of \$10 is required for food cooked and consumed.

Housing and Design

(1/2 credit)

Grade Level: 9-12

Course ID: 208

This class is for those students interested in academic enrichment or a career within the housing, interior design, or furnishings industry. This course addresses the selection and planning of designed spaces to meet the needs of the clients. Basic historical architectural styling and basic furniture styles will be explored as well as basic identification of the elements and principles of design. Projects will include floor plans, scale drawings, color boards, fabric uses, etc. Your creativity is unlimited. This course provides the foundation for further study and careers in the architecture, construction, housing, interior design, and furnishings industries. A \$10.00 fee is required for supplies in this class.

Family and Interpersonal Relationships

(1/2 credit)

Grade Level: 9-12

Course ID: 209

This is an introductory course that is especially relevant for students interested in careers that involve interacting with people. Get an edge on the competition by learning about the skills needed for positive and productive relationships in career, community and family settings. Topics include personality development, marital readiness, conflict resolution, communication, leadership and group dynamics as well as current issues relating to teens and family.

Sewing & Textiles

(1/2 credit)

Grade Level: 9-12

Course ID: 213

Discuss fashion trends throughout history, how clothing and fabric is made, and learn the fundamentals of sewing. No sewing experience is needed. A class fee of \$10 is needed to buy supplies for the class.

MATHEMATICS

Minnesota requires three credits in mathematics for graduation: Intermediate Algebra, Geometry and Algebra II.

The [mathematics state standards](#) can be reviewed on the Minnesota Department of Education website.

Please check the prerequisites needed for each course. Courses may be taken in any year as long as the prerequisites have been met.

	9	10	11	12
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[Back to Table of Contents](#)

Required for Graduation	Intermediate Algebra	Algebra II	Geometry	(Recommended) Intro to College Algebra Intro to Statistics
Advanced Track/College Courses	Algebra II	Geometry	MATH 1114 MATH 1115	MATH 1213 MATH 1122

21st Century Skills in mathematics:

Critical Thinking

Deductive thinking
Problem solving
Manipulate ideas
Probability
Check for mistakes
Problem solving
Attention to detail

Communication

Mathematical language
Present a process
Read for meaning
Extract meaning from symbols or words
Present a solution
Listen effectively
Note taking
Use diagrams

Collaboration

Teamwork
Working with a teacher
Learn a sequence

Creativity

Tackling problems with many steps
Seeing more than 1 solution
Not giving up
Interpret data / analyze

Jobs involving mathematics:

Actuarial work
Biotech work
Welding
Statistics
Biomathematics
Teaching - any level
Petroleum work
Sales / marketing

Security work
Stock broker
Environmental work
Aeronautics
Electrician
Investments
Computer science
Systems analyst

Cryptography
Operations research
Web development
Electrical
Finance
Plumbing
Athletics
Carpentry

Statistics
Political research
Pollster
Surveying
Electrical
Nursing
Information technology
Heating and cooling

Course Descriptions

Algebra I Concepts

(1 credit)

***Prerequisite:** Teacher's recommendation from 8th Grade Instructor and 8th Grade MCA/Star test data.

Course ID: S1: 17; S2: 17b

Algebra I Concepts is the first class in a series of three courses that are needed in order to fulfill the Minnesota Academic Mathematics Standards. This course will cover several key algebraic concepts such as: exploring and communicating mathematics, using measures and equations, representing data, coordinates and functions, equations for problem solving, ratios, probability, similarity, direct variation, and linear equations as models. Algebra I Concepts is a prerequisite for Algebra II Concepts.

[Back to Table of Contents](#)

Algebra II Concepts

(1 credit)

***Prerequisite:** Algebra I Concepts

Course ID: S1: 27; S2: 27b

Algebra II Concepts is the second class in a series of three courses that are needed in order to fulfill the Minnesota Academic Mathematics Standards. This course will cover several key algebraic concepts such as: reasoning and measurement, quadratic equations as models, sampling and reasoning, models of variation and growth, linear systems and matrices, and quadratic functions and graphs. Algebra II Concepts is a prerequisite for Geometry Concepts.

Intermediate Algebra

(1 credit)

***Prerequisite:** Teacher's recommendation from 8th Grade Instructor and 8th Grade MCA/Star test data.

Course ID: S1: 16; S2: 16b

Algebra is a system of letters and other symbols used in calculating. Algebra focuses on the use of expressions, equations, inequalities, graphing, rational numbers, polynomials, and factoring. A student's ability to organize data and graph it in an appropriate manner will allow students to make predictions about the data. These skills are needed to better understand and analyze properties of science and advanced mathematics. Students in this course will complete the entire textbook (chapters: 1–13) during a school year. Algebra I is a prerequisite for Algebra II and Geometry.

Algebra II

(1 credit)

***Prerequisite:** Successful completion of Intermediate Algebra

Course ID: S1: 26; S2: 26b

This course reviews and extends topics covered in Algebra I, and introduces new topics necessary to prepare the student for advanced mathematics courses such as: chemistry, physics, engineering, and the mathematically based disciplines. This is accomplished through analysis of data and mathematical patterns, relationships and functions. These are used to make critical judgments, predictions or decisions. Students are strongly encouraged to purchase a TI-83 graphing calculator. Students who wish to take Pre-Calculus may take both Algebra II and Geometry in the same school year. Algebra II is a prerequisite for Geometry, College Trigonometry and Functions, College Algebra, and College Statistics.

Geometry

(1 credit)

***Prerequisite:** Successful completion of Algebra II

Note: (Students must have at least a "B" average in Intermediate Algebra to "double up" courses and approval from their Intermediate Algebra teacher.)

Course ID: S1: 36; S2: 36b

Students who complete this course will improve their logical reasoning, will develop habits of clear thinking, improve their ability to think deductively and extend the elementary geometric ideas already learned. Students are introduced to proving theorems of geometry as well as being introduced to some trigonometric functions. This course logically follows algebra II and contributes to a good mathematical background for whatever occupation a student pursues. Topics to be covered include: the basics of geometry, reasoning and proof, perpendicular and parallel lines, congruent triangles, properties of triangles, quadrilaterals, transformations, similarity, right triangles, an introduction to trigonometry, circles, areas of polygons, and surface area and volume.

Geometry Concepts

(1 credit)

***Prerequisite:** Successful completion of Algebra II Concepts

Course ID: S1: 37; S2: 37b

This course is designed to help students discover, learn, and apply geometry. Students will make connections from concrete examples to abstract concepts. The course is intended to advance at a slower pace than geometry. Topics to be covered include: 1) Reasoning in Geometry, 2) Segment Measure and Coordinate Graphing, 3) Angles, 4) Parallels, 5) Triangles and Congruence, 6) Pythagorean Theorem and Distance Formula, 7) Triangle Inequalities, 8) Quadrilaterals, 9) Proportions and Similarity, 10) Polygons

[Back to Table of Contents](#)

and Area, and 11) Study of Circles. Typical pacing of this course is two days to cover one section. Time is allotted for in-class work and classroom discussions. A focus will be on the mastery of the MN Mathematics Standards and placing a strong emphasis on building a positive disposition toward learning. Students are encouraged to have a scientific calculator.

Introduction to College Algebra (1/2 credit)

***Prerequisite:** Successful completion of Geometry. Teacher recommendation is required for any student earning a C- or lower in Geometry.

Course ID: 535

This liberal arts mathematics course provides an introduction to several areas and concepts in mathematics including problem solving, numerical sequences, methods of counting, probability & statistics. Equivalent to M|State Math 1100. This course is appropriate as general education for those who intend to pursue the regular college mathematics courses and is the first of two introductory courses that can be taken at M|State.

Introduction to Statistics (1/2 credit)

***Prerequisite:** Successful completion of Geometry. Teacher recommendation is required for any student earning a C- or lower in Geometry.

Course ID: 536

This course is an introduction to systems of linear equations and inequalities, matrices, linear programming, mathematics of finance and elementary probability and statistics. Applied Math 2 is equivalent to M|State Math 1102. This course is appropriate as general education for those who intend to pursue the regular college mathematics courses and is the second of two introductory courses that can be taken at M|State. This course is highly recommended for students in the areas of management, health sciences and other applied technologies.

College Credit Courses

To enroll in these courses, you must have been accepted to MState and turned in all paperwork.

MATH 1114 College Algebra (1/2 HS credit/4 College credits)

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS.

Course ID: 516

This course is offered for college credit through the Minnesota State Community and Technical College (MSCTC) system. The content of this course includes rational, polynomial, exponential, logarithmic, inverse and quadratic functions. The course also includes equations, inequalities, complex numbers, and systems of linear equations. Additional topics may include matrices and determinants. The graphing calculator (TI-84 Plus CE) will be used frequently in class and homework. Students are strongly encouraged to purchase a graphing calculator.

MATH 1115 Functions & Trigonometry (1/2 HS credit/4 College credits)

***Prerequisite:** MATH 1114

Course ID: 526

This course is offered for college credit through the Minnesota State Community and Technical College (MSCTC) system. Trigonometry has been used for millennia to solve problems related to astronomy, surveying, construction, and engineering. The content of this course includes trigonometric functions, right triangle trigonometry, radian measure and circular functions, identities, equations, inverse functions, oblique triangles, complex numbers, vectors, polar coordinates, and conic sections. The graphing calculator (TI-84 Plus CE) will be used frequently in class and homework. Students are strongly encouraged to purchase a graphing calculator.

MATH 1213 Introduction to Statistics (1/2 HS credit/4 College credits)

[Back to Table of Contents](#)

***Prerequisite: MATH 1114**

Course ID: 527

This course is offered for college credit through the Minnesota State Community and Technical College (MSCTC) system.

Topics covered include data summary, frequency distributions, plots, graphs, measures of central tendency, variation, probabilities, probability distributions and confidence intervals. Hypothesis testing of means, proportions and variances will be conducted using the z-test, t-test, chi-square test, f-test, and ANOVA. Optional topics may include nonparametric statistics, sampling and simulation. The graphing calculator (TI-84 Plus CE) will be used frequently in class and homework. Students are strongly encouraged to purchase a graphing calculator.

MATH 1122 Applied Calculus

(1/2 HS credit/3 College credits)

***Prerequisite: MATH 1114**

Course ID: 524

This course is an introduction to differential and integral calculus and applied linear programming with an emphasis on application in the areas of business and the life and social sciences. This course is intended for all liberal arts and science students but is highly recommended for students pursuing business careers.

This course will cover the following competencies: 1) perform operations with matrices and utilize them to solve systems of equations; 2) express problems as linear programming problems; 3) solve linear programming problems; 4) understand the concepts of limits, continuity, and differentiation; 5) state and apply the basic rules of differentiation to polynomial, rational, radical, exponential, and logarithmic functions; 6) use the properties of derivatives to solve applications; 7) state and apply the basic rules of integration; 8) state and apply the Fundamental Theorem of Calculus; 9) use the definite integral to solve applications; 10) state and apply the product, quotient, and chain rule of differentiation.

Note: Students are highly recommended to have a graphing calculator for this course.

MUSIC

The study of music has been proven to increase vocabulary acquisition, nurture advanced reading skills and carry additional skills that readily transfer to all studies. Furthermore, students in music advance teamwork and communication within their section and the larger musical group. There is even a strong correlation between music and mathematics plus a myriad of scholarship opportunities in the field of music. The possibilities with music are endless and serve to provide a lifetime of satisfaction.

The [arts state standards](#) can be reviewed on the Minnesota Department of Education website, and the [arts national standards](#) can be reviewed on the National Coalition for Core Arts Standards website.

Minnesota requires one art credit (two ½ credit classes or one 1 credit course) for graduation and that can be taken any year between grades 9-12. Be sure to read this registration catalog carefully. Some of the music options are based upon auditions.

[Back to Table of Contents](#)

	9	10	11	12
Choir	Men's Choir (9-12) Rebel Choir (grade 9 female)	Men's Choir (9-12) Women's Choir (10-12) A Capella Choir (10-12) <i>audition only</i>	Men's Choir (9-12) Women's Choir (10-12) A Capella Choir (10-12) <i>audition only</i>	Men's Choir (9-12) Women's Choir (10-12) A Capella Choir (10-12) <i>audition only</i>
Band	Band 9	Concert Band	Concert Band	Concert Band
General Music		Guitar I Guitar II	Music Theory Music History Guitar I Guitar II	Music Theory Music History Guitar I Guitar II

21st Century Skills in music:

Critical Thinking

Confidence
Perseverance
Constructive feedback
Accountability
Self-correction

Communication

Non verbal
Symbolic

Collaboration

Cooperation

Creativity

Self-discipline
Improvisation
Problem solving
Self-confidence

Jobs involving music: (also - [see the report from Berklee College of Music](#))

Performance instrumental
Recording
Commercial
Radio shows
Performance vocal
Composition
Film scoring
Marketing/Advertising

Performance conducting
Arranger
TV shows
Video games
Music editor
Instrument maker
Instrument repair
Music sales

Piano tuner
Education
Music distributor
Recording industry
Publishing
Music attorney
Sound production
Musical therapy

Artist manager / agent
Accompanist
Church musician
Event coordinator
Wedding coordinator
Audiology/Acoustic technician

Course Descriptions

Band 9

Grade Level 9

Course ID: S1: 300; S2: 300b

(1 credit)

[Back to Table of Contents](#)

The main objective of this band is the development of musical knowledge and skills; development of musical understanding and appreciation; and development of a sense of musical discrimination. In addition to the regular rehearsals, students will be expected to participate in concerts.

Concert Band

(1 credit)

***Prerequisite: 9th Grade Band and/or successful audition from 9th Grade Band**

Course ID: S1: 301; S2: 301b

The Concert Band is the major performing group of the Instrumental Music Department. Performance, however, will not obscure the basic musical objectives of the development of musical knowledge, playing skills, and music appreciation through challenging literature and music listening. Students will be expected to participate in all Concert Band activities, both curricular (rehearsals & concerts) and extra-curricular (pep band, pep rallies, and contests).

Rebel Women's Choir

(1 credit)

Grade Level 9

Course ID: S1: 302, S2: 302B

The main objective of this choir is the development of musical knowledge and the development of musical skills. In addition to the regular rehearsals, students will be expected to participate in concerts.

Women's Choir

(1 credit)

Course ID: S1: 303, S2: 303B

The Concert Choir is the major performing group of Vocal Music Department. Performance, however, will not obscure the basis musical objectives of the development of musical knowledge and the development of musical skills through challenging literature. A considerable amount of multicultural music and music of the twenty-first century will be studied and performed. Students will be expected to participate in all Concert Choir activities.

Men's Choir

(1 credit)

Course ID: S1: 308, S2: 308B

The Concert Choir is the major performing group of Vocal Music Department. Performance, however, will not obscure the basis musical objectives of the development of musical knowledge and the development of musical skills through challenging literature. A considerable amount of multicultural music and music of the twenty-first century will be studied and performed. Students will be expected to participate in all Concert Choir activities.

A Cappella Choir

(1 credit)

Course ID: S1: 304, S2: 304B

*** By audition only, see choir instructor for materials**

This choir ranges from 40-60 members based on auditions. A cappella is open to 10-12 grade students through audition with choir instructor. The goal of this class is to perform at a high level of musicianship and technicality. We will do a wide range of literature and will be a great outlet for those students whom seek to perform at a high level.

Acoustic Guitar I & II

(1 credit)

Grade Level 10-12

Course ID: S1: 305, S2: 306

Coursework will include a brief study of musical theory to prepare for the study of guitar. Materials necessary for this class are an acoustic guitar. **Students must have a guitar by the first Friday of the semester or you will need to find another class.**

Music History

(1/2 credit)

***Prerequisite: Must have 1 year of music in H.S. (Choir/Band/Guitar)**

Course ID: 309

[Back to Table of Contents](#)

We will explore the history of music/composers/lifestyles in different periods starting in the Baroque Period and go through current music. You will have a basic understanding of how music has evolved over the past 400 years.

Music Theory

(1/2 credit)

***Prerequisite: Must have 1 year of music in H.S. (Choir/Band/Guitar)**

Course: 310

We will explore the world of basic theory starting with simple note names and clefs and going through simple analysis of music scores. By the end of the semester you will be able to identify staves, notes, chords,

PHYSICAL EDUCATION AND HEALTH

We are only given one body, and if we want it to last for all that we hope to do then we have to take care of it! Coursework in health, wellness and physical education helps students make responsible decisions that can help them to live healthier and more fulfilling lives. A healthy person must be healthy mentally as well as physically. A healthy person must provide the body with the tools to grow and sustain itself into the future. A combination of the required health class with additional department coursework will help any student lead a more fulfilling and productive life. In addition, the department offers courses that can help athletes improve their performance and maximize the opportunities for each sport season and for life.

The [health and physical education state standards](#) can be reviewed on the Minnesota Department of Education website.

DGF requires ½ credit in health and 1.5 credits in physical education for graduation. Please note that some courses have a prerequisite that must be completed.

	9	10	11	12
Required	PE 9	Health PE 10		
One of the following is required			Competitive PE Non-Competitive PE Weight Lifting Personal Fitness	Competitive PE Non-Competitive PE Weight Lifting Personal Fitness
Elective			Unified PE Advanced Health	Unified PE Advanced Health

[Back to Table of Contents](#)

College Courses			HLTH 1116	HLTH 1116
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21st Century Skills in physical education and health:

Critical Thinking

Data analysis
Skills for healthy living
Practice is needed
Social skills

Communication

Positive reinforcement
Vocabulary of health/fitness
Sportspersonship

Collaboration

Teamwork
Safety
Positive attitude

Creativity

Strategies in sports
Alternative paths to a goal
Variety in exercise and eating

Jobs involving physical education and health:

Gerontology

Education

Coaching

Fitness instruction

Sports development

Physical therapy

Sports medicine

Dietician

Sports entertainment

Life coach

Respiratory therapist

Nutrition

Corporate health / fitness

Sports sales

Medicine

Advocacy groups

Nursing

Parks and recreation

Sports physician

Athletic trainer

Sports facilities

Professional sports

Hospital work

Epidemiologist

Strength and conditioning

Occupational therapist

Community health

Course Descriptions

9th Grade Physical Education

(1/2 credit)

*required in grade 9

Course ID: 8

This class will teach developmental skills in various team sports including: Football activities, soccer, basketball, volleyball, softball, floor hockey, and wiffle ball. Recreation dual and individual sports of badminton, speedminton, bean bag toss, pickleball, archery and roller-skating are taught. Other activities that may be introduced include: weight training and other aerobic activities.

10th Grade Physical Education

(1/2 credit)

*required in grade 10

Course ID: 2

This physical education course included all items listed in the 9th grade description. The 10th grade P.E. class will go on a downhill skiing field trip.

Health

(1/2 credit)

Grade Level 10

*required in grade 10

Course ID: 3

This course is designed to enhance the awareness and knowledge of healthy lifestyle choices. The six adolescent risk behaviors (tobacco use, dietary patterns that contribute to disease, sedentary lifestyles, sexual behaviors, alcohol and drug use, and behaviors that result in intentional and unintentional injury) will be addressed while

[Back to Table of Contents](#)

advocating for the students to make healthy choices for their overall health. We will also cover mental and emotional health, nutrition, and human sexuality. Topics within human sexuality include: Communication and responsible decision making in relationships, sexuality and responsible dating, responsible sexual behavior, male and female reproductive systems, and sexually transmitted diseases. Chemical education includes drugs, alcohol, and tobacco information with emphasis on a lifestyle free from drug misuse and abuse

Competitive PE

(1/2 credit)

***Prerequisite: 9th & 10th grade PE required.**

Grade Level 11 & 12 *Satisfies 11/12 grade PE requirement

Course ID: 21

This course will continue to underscore the importance of physical activity and a healthy lifestyle. Competitive PE will place more of an emphasis on skills, strategy, and ethics in sports. Students will develop team practices and continue the development of sport specific skills through activities such as: basketball, badminton, pickleball, speedminton, soccer, football, softball, volleyball, broomball, archery, golf, frisbee, bean bag toss, eclipse ball, floor hockey, and lacrosse. Students entered in this course should have a more competitive nature

Non-Competitive PE

(1/2 credit)

***Prerequisite: 9th and 10th grade PE required**

Grade Level 11 & 12 *Satisfies 11/12 grade PE requirement

Course ID: 5

Same as competitive PE, but for students who enjoy sports in a non-competitive nature.

Weight Lifting I

(1/2 credit)

Grade Level 11 & 12 *Satisfies 11/12 grade PE requirement

Course ID: 6

This class will be open to students who are interested in techniques of weight lifting for lifetime fitness. The Bigger, Faster, Stronger Program will be used to develop strength and speed. The course will stress weight training and cardiovascular fitness. Proper techniques in lifting and lifting safety will be stressed.

Weight Lifting II

(1/2 credit)

Grade Level 11 & 12 *Satisfies 11/12 grade PE requirement

Course ID: 7

This class will be open to students who are interested in techniques of weight lifting for lifetime fitness. The Bigger, Faster, Stronger Program will be used to develop strength and speed. The course will stress weight training and cardiovascular fitness. Proper techniques in lifting and lifting safety will be stressed.

Personal Fitness

(1/2 credit)

***Prerequisite: 9th & 10th grade PE required.**

Grade Level 11 & 12 *Satisfies 11/12 grade PE requirement

Course ID: 1

In this class, students will alternate days between strength training and group/team and/or individual aerobic activities. Students will have the opportunity to choose activities that are personally enjoyable as they learn about safety procedures, proper lifting techniques and terminology as it applies to resistance training. Students will also learn the large muscle groups of the body, and experience the fun and enjoyment while recognizing the value of physical activity and nutrition.

Advanced Health

(1/2 credit)

***Prerequisite: Health required.**

Grade Level 11 & 12

Course ID: 97

This is a course in which the curriculum and methodology will challenge and enhance student awareness, prevention and problem solving strategies in the area of health promotion. Program emphasis is on

increasing student research, discussions and critical thinking. Topics to be covered in class include, but are not limited to, Health Careers, Alcohol and Drugs, Sexuality, Reproduction, Relationships, Mental/Emotional Health, Disease Prevention, Disability Awareness, LGBTQ+, Body Systems and First Aid/CPR. This class will help provide students the tools to make informed decisions while promoting healthy lifestyle choices.

Unified Physical Education 1

(1/2 credit)

Grade level 11 & 12 *Does NOT satisfy 11/12 grade PE requirement

Course ID: 15

This is not your typical physical education course! Unified Physical Education is a unique opportunity for students of varying ability levels and backgrounds to come together on equal terms through ongoing fitness, sports, leadership and wellness activities. This course is for grades 11th, 12th, and DAPE students. It focuses on the physical, intellectual and social growth of all participants. Engaging in physical activity and sport alongside peers with and without disabilities helps to foster important social relationships.

Unified Physical Education 2

(1/2 credit)

Grade level 11 & 12 *Does NOT satisfy 11/12 grade PE requirement

Course ID: 15B

This is not your typical physical education course! Unified Physical Education is a unique opportunity for students of varying ability levels and backgrounds to come together on equal terms through ongoing fitness, sports, leadership and wellness activities. This course is for grades 11th, 12th, and DAPE students. It focuses on the physical, intellectual and social growth of all participants. Engaging in physical activity and sport alongside peers with and without disabilities helps to foster important social relationships.

College Credit Courses

To enroll in these courses, you must have been accepted to MState and turned in all paperwork.

HLTH 1116 Medical Terminology * eCHS **(.75 credit/3 college credits)**

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

Grade level 11 & 12

Course ID: 553

This course covers prefixes, suffixes and root words used to compose medical terms. The student learns to spell, pronounce, define, analyze and formulate terminology related to body structure, disease, diagnosis and treatment. Medical abbreviations are also included.

SCIENCE

Science is composed of what one knows about the “stuff” of life from the smallest subatomic particle in an atom to the human body and the nature of the environment and space that surrounds each of us. Science also explores the processes of our environment and the space around us. Another crucial component of science is the process by which observers learn about the “stuff” in the universe and how that “stuff” relates to other things in the universe. However, science is different from many other ways of learning because of the way it is done. Science relies on testing ideas with evidence gathered from the natural world.

In science classes students will learn about the “stuff” that creates the world around us as well as skills in organization, communication, intellectual thinking, numeracy, research, critical thinking, analysis, synthesis, application of principles and more. These are the skills of life!

The [science state standards](#) can be reviewed on the Minnesota Department of Education website.

	9	10	11	12
Required for Graduation	Physical Science	Biology	Chemistry or Physics	Chemistry or Physics
College Courses			BIOL 1123	BIOL 1123 CHEM 1111
Electives			Anatomy & Physiology Astronomy	Anatomy & Physiology Astronomy

Twenty-First Century Skills in science:

Critical Thinking

Searching
Investigation
Evaluating
Tabulating
Comparing
Contrasting
Classifying

Communication

Listening
Observing
Asking questions
Discussing
Explaining / defending
Graphing / charting
Writing
Reporting

Collaboration

Gathering data
Experiments
Caring for equipment

Creativity

Planning ahead
Designing
Inventing
Synthesizing
Calibrating
Constructing

Jobs involving science:

Aquacultural manager	Cartographer	Alternative energy	Medical science
Aquarist	Education	Aerospace	Agronomist
Electrician	Mortician	Surveyor	Landscape architecture
Power production	Micro / nano scientist	Heating and cooling	Veterinarian
Patent lawyer	Plumber	Geoscientist	Food science
Chemist	Computer science	Sound / lighting	Security
Forensics	Athletic trainer	Automotive	Robotics
Technical writer	Environmental scientist	Hydrologist	Disease control
Game design	Geographic information	Park ranger	Wildlife / Marine biologist
Engineer	Meteorologist	Health and safety engineer	

[Back to Table of Contents](#)

Course Descriptions

Physical Science I

(1/2 credit)

***required in grade 9**

Course ID: 14

This course begins with lab preparation skills, a lab safety review, the scientific method, graphing, and the teaching of general measuring skills in science. The basic concepts of physics such as energy, motion, acceleration, momentum, magnetism, electricity, and the use of simple machines will be covered. This class will have many labs on topics such as measurements, motion, speed, energy, simple machines, magnetism, electricity, and radioactivity. Class size limited to 24 students per period.

Physical Science II

(1/2 credit)

***required in grade 9**

Course ID: 14B

This course provides an emphasis on the chemical properties of matter. Matter is broken down into its composition, atomic structure, chemical bonds, and the environmental influences that affect its many states. Introduction to chemistry highlights both organic and inorganic concepts. These areas include the formation of compounds and balancing of chemical equations. Students will study topics such as states of matter, elements, compounds, mixtures, chemical reactions, and organic compounds. Class size limited to 24 students per period.

Biology I & II

(1 credit)

Course ID:

Biology I: S1: 24, S2: 24b

General foundational science material is taught in Biology I. The class starts with a unit on methods and data analysis which integrates the study of plants (botany) with general environmental concepts as they pertain to this area of Minnesota. During this time, local plants and animals are highlighted. General biological processes are then stressed with an emphasis on ecology and local biomes by showing its importance in influencing community relationships through biological systems. One of the first semester's major objectives involves getting students to properly use the scientific method and interpret scientific graphing and reading.

Biology II:

Course ID: 24B

The second semester of Biology is used by applying many of the major concepts taught in the first semester. It begins with the use of biochemistry and organic chemistry and its importance in the life of an organism. The study of the cell, its use of organelles, cellular transport mechanisms are next. Study then moves into understanding the processes of photosynthesis, cell respiration, cell growth, and reproduction. A major unit, during second semester, deals with genetics and determining the probability by using punnett squares. Additionally, the examination of classification systems, a brief look at some human systems, and ecosystems are observed at the end of the semester. Completion of the course occurs with a scavenger hunt reviewing some of the major concepts of the year.

Basic Biology I & II

(1 credit)

***Prerequisite: Recommendation of the 9th grade physical science teacher and the basic biology instructor. Students cannot register for this course.**

Course ID: 25

Basic Biology I:

Basic Biology is designed for the special needs student. This is not a class that should be taken by a student that is college bound. The class is geared down to a junior high reading level and is project based. Entry into the

[Back to Table of Contents](#)

class is only with the recommendation of the ninth grade physical science teacher and the basic biology instructor. Applications is also possible if the student has failed a Biology I/II and with the approval of the principal and the biology instructor. The first semester includes the scientific method, cells, tissues, viruses, bacteria, genetics, evolution, and taxonomy.

Basic Biology II:

Course ID: 25B

The second semester of Basic Biology starts with a look into the human body systems and applies what we have learned with a dissection of the fetal pig. The class will also cover plant and fungus diversity, physiology, and reproduction and will end with a unit on ecology and environmental science focusing on Minnesota.

Chemistry I & II

(1 credit)

Grade Level 11 and 12

Course ID: S1: 34, S2: 34B

There is no greater mystery than the atom. Join us as we discover the basic concepts, theories, and laws governing the atom and the way it interacts with other atoms. Using over twenty experimental investigations we will attempt to prove what historical chemists and physicists have discovered about the atom. In the laboratory we will combine atoms to form compounds, react atoms with other compounds to unleash reactive gases like hydrogen, make water freeze at 4 degrees F instead of 32 degrees F, plus much, much more! Give yourself a head start on your way to college and join us in our quest to understand *'the atom'*!

Physics I & II

(1 credit)

Grade Level 11 and 12

Course ID: S1: 44, S2: 44B

Physics is an applied mathematics course, and is geared to students with senior-level math skills. How much energy does it take to run up the stairs? Can a 100-pound person lift a 4,000-pound car? Which type of engine is the best? Can light be slowed down? Physics is the study of light, heat, energy, sound, time, power, work, electricity, thermonuclear reactions, and much more. In a series of 30 different experiments we will attempt to discover the basic laws of physics. Using mathematical principles, real world mysteries like the force of gravity, are revealed. If you like knowing 'why', this course is for you.

Anatomy & Physiology

(1 credit)

***Prerequisite: Biology**

Grade Level 11 and 12

Course ID: S1: 28; S1: 28b

This course is for students who are interested in understanding the structure and function of the human body. If you are interested in going into the medical field, this is the course for you. Topics such as structure and function of cells, tissues, and human organ systems such as the following: circulatory, respiratory, integumentary, skeletal, muscular, endocrine, excretory, nervous, lymphatic and reproductive systems will be covered in this course. We will also look into different human disease processes for each of the systems. Laboratory components include anatomical studies using microscopes, dissection and experimentation will be used in this course.

Astronomy

(1/2 credit)

Grade Level 11 and 12

Course ID: 55

Astronomy is a 0.5 credit course where you will learn about the solar system, stellar, and galactic astronomy and cosmology. The goal of this course is to give you a fun and challenging introduction to astronomy.

Classroom time will be divided between lecture, computer modeling, direct observation, discussion, practice problems, lab activities, data analysis, and assessments. We will have at least one lab activity per unit. There will be homework on a daily basis. Expect that homework and lab work will be due the

[Back to Table of Contents](#)

day after being assigned. Each unit will end with an assessment. Course topics will include the following:

1. Investigate the basic principles, theories, and methods of modern science applied to astronomy.
2. Apply direct observation and computer modeling to describe the basic observable phenomena of astronomy.
3. Describe the development of our understanding of our solar system and the physical laws that govern its motions, formation, and evolution.
4. Develop a model to illustrate the life span of the sun.
5. Describe the role of nuclear fusion in the sun's core to release energy.
6. Describe evidence related to the Big Bang Theory with respect to astronomical evidence of light spectra, galaxy motion, and the composition of matter in the universe.
7. Describe how stars produce chemical elements as they live out their lifetimes.

BIOL 1122 General Biology I (1 HS credit/4 College credits)

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS.

***May be offered through eCHS or Concurrent Enrollment**

Course ID: 514

This class begins with the origin of life and an observation of the geological time table and its influences on today's taxonomic systems. The fundamentals of viruses, bacteria, algae, and fungi are observed through labs and trait comparisons. Infectious diseases will also be included. Also included is a botanical study that investigates plant structures, tissue function, and types of meristematic growth. Students will study zoological principles with a special emphasis on animal systems and their interrelationship from invertebrates to vertebrates. Different phyla in the animal kingdom will be observed by comparing and contrasting various systems of the body. Special emphasis will be made identifying characteristics in mammals. Lab work will include animal dissection and comparative anatomy and physiology.

CHEM 1111 General Inorganic Chemistry I 36 WEEKS (1 HS credit/5 College credits)

***Prerequisite:** High School Chemistry

***Prerequisite:** Must be accepted to MState through Concurrent Enrollment/eCHS.

***Recommended that student has completed College Algebra prior to enrollment.**

***This is a year long course**

Course ID: 522; 522b (must enroll for both sections)

This course is offered for college credit through the Minnesota State Community and Technical College (MSCTC) system. This course is the first course of a two-course series (CHEM1111 and CHEM1112). Students will learn the general chemistry principles: atomic structure, stoichiometry, solutions, bonding, thermochemistry, electronic structure, periodic properties of the elements, intermolecular forces and properties of solids, liquids and gases. The course includes a lab.

SOCIAL STUDIES

Preparing students for the 21st century cannot be accomplished without a strong and sustaining emphasis on social studies. Social studies provides cornerstone skills that are the key to opening doors for a more diverse, competitive workforce and responsible citizenry. Students use critical thinking, self-assessment, reasoning, problem-solving, collaboration, research, and investigation to make connections in new and innovative ways as they progress through social studies education. Minnesota State Standards outline the knowledge and skills needed to help

[Back to Table of Contents](#)

young people develop the ability to make informed and reasoned decisions for the public good as citizens of a culturally diverse, democratic society in an interdependent world. These same skills do much to prepare future citizens for further education and careers.

The [social studies state standards](#) can be reviewed on the Minnesota Department of Education website.

	Grade 9	Grade 10	Grade 11	Grade 12
Required for graduation	Civics Geography	US History	World History	Economics Government
College Courses			PSYC 1200 SOC 1111	POLS 1120 PSYC 1200 SOC 1111
Electives			Psychology I Psychology II Sociology Criminal Justice Modern History	Psychology I Psychology II Sociology Criminal Justice Modern History

21st Century Skills in social studies:

Critical Thinking

Acquire information
Listening
Use of primary sources
Expository reading
Use information
Problem solving
Evaluation
Analysis
Historical awareness

Communication

Presentations
Speaking
Writing
Listening
Vocabulary - academic
Online communication

Collaboration

Group work
Global awareness
Perspective
Participatory skills
Online collaboration

Creativity

Writing
Innovation
Creativity
Technology innovation
Software development

Jobs involving social studies:

Business	Human resources	Linguistic	Military
Publishing	National / State Parks	anthropologist	Management
Politics	Real estate	Consultant	Ministry
Government	Fashion marketing	Insurance/reinsurance	Broadcast
Grant writer	Youth work	Fashion design	Paralegal
Writer / editor	Law	City manager	Pollster
Sales		Business	Market research
		Environmental work	

[Back to Table of Contents](#)

Archeology
Non-profit
Economist
Anthropology

Art work
Intelligence work
College professor
Teacher
Museum work

Social activist
Trades
International field
Research analyst
Investments

Agriculture economist
Psychologist
Police officer

Course Descriptions

Civics

(1/2 credit)

***required in 9th Grade**

The purpose of this course is to give students a general idea of how the three branches of government work within the framework of the U.S. Constitution. Students will gain a better idea of how the different levels of government (federal, state, local) work together to shape their life.

Geography

(1/2 credit)

***required in 9th Grade**

Course ID: 13

This course is designed to help you better understand our constantly changing and complex world through a study of geography. We will study geography from the physical, political, and cultural perspective through the five basic geographical themes of location, place, human-environment interaction, movement, and region. Special emphasis will be placed on geographical skills, and geographic literacy (locating countries, capitals, & physical features of the world).

U.S. History

(1 credit)

***required in 10th Grade**

Course ID: S1: 22; S1: 22A

This course will cover the following: A look at the discovering of America; growth of British territory; start of the American way of life and democratic ideas; a movement for independence and the creation of a confederation and later a Federal Union; growth of the nation in size and power; rise in sectionalism and the nation's boundaries; time of crisis, compromise and the Civil War; rebuilding the nation and conquering the last frontier; rise of industrialism; the arrival of reform and the Square Deal; American expansion overseas and WWI; U.S. becomes a world power; "Roaring Twenties," "Great Depression," and "Jazz Age"; from isolation through WWII; age of rapid growth; a new and modern era of the 1960's – 2000's.

World History

(1 credit)

***required in 11th Grade**

Course ID: S1: 32; S2: 32B

The purpose of this course is to demonstrate to students how past events, people, and governments shape our lives today and how the United States relates in time and place to the achievements and beliefs of other countries of our world. This course will review the progress of man from prehistoric times until present time. Units studied will include: The early civilizations of the Middle East, Greece, Rome, India, Asia, South America, and Africa; a study of the major religions of the world; the Medieval World; the Renaissance and Reformation; Age of Absolutism; Age of Reason; Revolution in England, America, and France; Congress of Vienna; nationalism; agricultural and industrial revolutions; rise of democracy; Victorian Age; European Imperialism; rise of dictatorships; World War I, World War II, The Cold War, and the Middle East.

Government

(1/2 credit)

***required in 12th Grade**

Course ID: 42

Did you know that in presidential elections, states become the colors red or blue? Do you think it is fair

[Back to Table of Contents](#)

that in Minnesota you can vote when you are 18 years old but cannot run for public office until you are 21? Learn how you could change that law. The purposes of this government class are to prepare students to understand the functions and composition of the three branches of our state and local governments within the framework of the Constitution and demonstrate to students the need and mean to participate in the political process in the state of Minnesota and the United States. Students will gain knowledge and appreciation for the dynamics and characteristics of our political system. Students will explain and demonstrate ways to become an active citizen and participant in being a community builder. The rights and responsibilities of an active citizen on a state and local level will be conveyed in this class. Students will gain an understanding of the three branches of Minnesota government and the functions of each branch. The students will participate in a mock legislature to understand the dynamics of how a bill becomes a law, conduct an election campaign where they will demonstrate their knowledge of the political and electoral systems, conduct a mock trial to learn the procedures of a court trial and practice and learn the techniques of direct and cross-examinations and the rules of evidence within a court trial and Federal, state and local elections will be stressed throughout the class.

POLS 1120 National Government 18 WEEKS (1/2 HS credit/3 College credits)

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

Course ID: 82

This course is offered for college credit through the Minnesota State Community and Technical College (MSCTC) system. This course provides an analysis of the organization, institutions and functions of the United States government. The content of the course includes an advanced and in-depth study of the: 1) relationships (Federalism) between the States and the Federal government, 2) structural, theoretical, and political contexts in which the Constitution was written, 3) methods and procedures by which campaigns and elections are conducted for Federal offices, 4) comparison of the legislative, executive and judicial processes, procedures, and powers of the Federal government, 5) roles of interest groups in the policy-making process, 6) importance of political opinion and public participation in the Federal system, 7) theories, practices, and roles of bureaucratic systems in the Federal government, 8) role of the mass media in shaping and informing public opinion and the policy-making process, and 9) structure and function of political party organizations.

Economics

(1/2 credit)

***required in 12th Grade**

Course ID: 43

Through the study and use of the fundamental concepts of economics (supply, demand, elasticity, monopoly, etc.) a student shall demonstrate understanding of the interactive nature of global, national, and local economic systems, how government decisions impact those systems, and how individuals, households, businesses, and governments use scarce resources to satisfy unlimited wants and needs.

Criminal Justice

(1/2 credit)

Grade Level 11 and 12

Course ID: 79

The field of Criminal Justice involves the study of the agencies and processes involved in the criminal justice system, including the legislature, the courts, and corrections. The students will analyze the roles and problems of the criminal justice system in a democratic society. We will look at the amendments and how they affect arrests, police investigations, and criminal trials.

Modern History

(1/2 credit)

Grade Level 11 and 12

Course ID: 38

Students will study the major turning points that shaped the modern world. Focus in this class will be on the late 20th Century and 21st Century. We will look at historic events and examine the causes, initial impact, and lasting

[Back to Table of Contents](#)

effects. Students will develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students will consider multiple accounts of events in order to understand international relations from a variety of perspectives.

Psychology I

(1/2 credit)

Grade Level 11 and 12

Course ID: 72

Psychology is the study of the mind through the examination of our behavior. Our experience and needs cause us to react to each new situation in a different way. The course covers the areas of learning, thinking, memory, motivation, human development and measurement.

Psychology II

(1/2 credit)

Grade Level 11 and 12 *No prerequisite required

Course ID: 73

As a follow up to Psychology I, this class will explore the brain, psychological disorders and afflictions, therapy options to deal with these disorders, psychological testing, and personality theory and gender roles/deviancy.

Sociology

(1/2 credit)

Grade Level 11 and 12

Course ID: 74

Most people would say that they determine their own thoughts, feelings, and actions. However, through the study of sociology, we will examine how groups and social structures can also affect our beliefs and behaviors. During this course we will study many areas of sociology, including the following: Culture and Social Structure, Social Inequality, Education, Sociology and its effects on Religion and Sports, and Social Change.

College Credit Courses

To enroll in these courses, you must have been accepted to MState and turned in all paperwork.

PSYC 1200 General Psychology *eCHS **(.75 HS credit/3 college credit)**

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

Grade Level 11 and 12

Course ID: 561b

This is a comprehensive introductory overview of psychology that studies human behavior and mental processes. Topics include (but are not limited to) research methods, the history of psychology, neuroscience and behavior, developmental psychology, sensation and perception, motivation and emotion, health psychology, learning and memory, personality, social psychology, psychopathology and treatments, and states of consciousness such as sleep and dreams.

SOC 1111 Intro to Sociology *eCHS **(.75 HS credit/3 college credit)**

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

Grade Level 11 and 12

Course ID: 530b

This course is an introduction to the study of societies and the social factors that influence individual and group behavior. The course incorporates sociological and other critical thinking models for the investigation of various components of social life: culture, socialization, social organization, social stratification, social institutions, populations dynamics and social change.

ECON 2222 Microeconomics *eCHS **(.75 HS credit/3 college credit)**

***Prerequisite: Must be accepted to MState through Concurrent Enrollment/eCHS.**

[Back to Table of Contents](#)

Grade Level 11 and 12

Course ID: 529

Microeconomics stresses the concepts of scarcity, production possibilities, supply and demand curves, elastic and inelastic goods and services, competition, monopolies, oligopolies, poverty and income distribution in the United States. In general, microeconomics examines the functioning of individual industries and the behavior of the individual.

VISUAL ARTS

The [arts state standards](#) can be reviewed on the Minnesota Department of Education website, and the [arts national standards](#) can be reviewed on the National Coalition for Core Arts Standards website.

Minnesota requires one art credit (two ½ credit classes or one 1 credit course) for graduation and that can be taken any year between grades 9-12. It is highly recommended that students have maintained a C or above in their previous art classes when considering taking upper-level courses.

Progression of Visual Arts Courses				
Graphic Arts				
2 Dimensional				
3 Dimensional				
Drawing				

21st Century Skills in visual arts:

Critical Thinking

Artist statements
Problem solving
Self-assessment
Accountability
Research
Perspective
Setting goals
Brainstorming
Decision making

Communication

Nonverbal communication
Visual
Multi-mediums at once
Written critiques
Presentation
Interpersonal
Literacy development
Individualized instruction
Receiving constructive

Collaboration

Confidence
Focus
Cooperation
Interpersonal
Feedback
Teamwork
Critique
Digital skills

Creativity

Studio production
Perseverance
Dedication
Technique
Medium
Practice
Repetition
Risk taking
Exploration

[Back to Table of Contents](#)

feedback

Jobs involving the visual arts:

Art administration	Printmaker	Graphic / web design	Art history
Artistic director	Fashion designer	Culinary arts	Ceramics
Freelance artist	Interior design	Museum work	Curatorial practice
Educator	Photography	Animation	Sculptor
Industrial designer	Set design	Architecture	Digital photography
Floral designer	Video / film editor	Art education	Drawing
Illustrator	Game design	Art history	Film
Merchandise display	Advertising	Landscape design	Furniture design
Glass work	Product design	Glass blower	Toy design
Medical illustration	Art therapy	Photojournalism	
	Painter		

Course Descriptions

Explorations in Art & Design - Level I

(1/2 credit)

Grade Level 9-12 No prerequisite required

Course ID: 120

Welcome to the Rebel artist studio! This introductory studio course is a one semester elective that will prepare the student for further high school art experiences. Students will understand conceptual art and experiment with a variety of materials and concepts that will encourage the expression of ideas through an integration of a wide variety of media. Students will be able to demonstrate competency by understanding and executing the techniques involved with the following: The art elements and principles of design learned in drawing and 2-D/3-D, color theory, the critical process, and keeping a sketchbook.

Explorations in Art & Design - Level II

(1/2 credit)

Grade Level 9-12 No prerequisite required

Course ID: 120B

Welcome to the Rebel artist studio! Students will continue exploration in a variety of media in visual art. Some assignments include creating a slogan using digital media and a stop motion animation using watercolor and clay processes. Students will be able to demonstrate and expand on their competency to understand and execute the techniques involved with the following: The art elements and principles of design learned in drawing and 2-D/3-D, color theory, the critical process, and keeping a sketchbook.

Intro to Drawing I & II

(1 credit)

Grade Level 9-12 No prerequisite required

Semester 1– level 1 (1/2 credit)

Course ID: S1: 100, S2: 101

Welcome to the Rebel art studio! Students will work at developing their ability to record what they see. Rendering value studies used to make a drawing powerful is very important.

This course will teach a basic understanding of multiple drawing skills. Students will be implementing these skills into a variety of techniques to turn out successful projects. Drawing media used are: drawing pencils, colored pencils, pen and ink, chalk and oil pastels. Demonstrations will be done through the use of various technologies to strengthen student understanding and success.

Semester 2—level 2 (1/2 credit) Drawing Semester 1 Required

Students will continue to grow, further honing their skills and techniques to many new mediums including: textured papers, scratchboard, etc. This is a research-based art class involving a lot of observation and retrieval of visual

[Back to Table of Contents](#)

aids from printed formats to online searches. Students will put together various project packets which will include: thumbnail and comprehensive sketches, photographs, field studies, and final drawings. Assessment is based on: observed self-improvement, comprehension and implementation of skills and techniques taught.

Intro to Ceramics

(1/2 Credit)

Grade Level 10-12 No prerequisite required

Semester 1– level 1 (1/2 credit)

Course ID: 104

Welcome to the pottery studio! This is a three-dimensional art course that teaches basic understanding and implementation of skills and techniques of working with clay. Students will learn additive and subtractive techniques, with an emphasis on skills and techniques in hand-built pottery. Assessment is based upon project criteria and completion of work. Students should have an interest in the three-dimensional art form of working with clay and glaze.

Ceramics 2

(1/2 Credit)

Grade Level 10-12 prerequisite: Intro to Ceramics

Course ID: 105

Welcome to the pottery studio! Ceramics 2 is a great elective course to give you experience not only with the clay, but with expressing your ideas in a 3D form. Students in this class will have the opportunity to improve their ceramic abilities by focusing on the 4 methods of ceramic construction: pinch, coil, slab, and wheel! Students will refer to Contemporary and Art Historical references for inspiration as well as consider the Elements of Art and Principles of Design when planning and executing the assignments. Ceramics II students observe, think creatively and technically, and make decisions thoughtfully and reflectively.

Intro to Sculpture

(1/2 credit)

Grade Level 10-12 No prerequisite required

Course ID: 119

Welcome to the sculpture studio! Students will observe and practice basic sculpting techniques. Observational drawings of volume and mass will aid in the understanding of what it takes for a sculptor to sculpt three-dimensional forms. Some techniques explored include kinetic/paper making, modeling in the round, large cardboard construction and assemblage, and ceramic relief.

Intro to Photography - B & W Photography

(1/2 Credit)

Grade Level 10-12

Course ID: 102

Welcome to the DARK ROOM! Learn about the tradition and history of the photographic process. Students will know the difference between taking a photo and 'making' a photo in this beginners course in black & white photography. Various camera settings will be learned to offer greater creative and technical control. This course builds the foundation for visual literacy regarding both form and content of photographic images. Students should learn general knowledge of art elements and composition. Students will acquire skills in expressing their feelings and opinions about works of their own, classmates, and photographic artists through viewing, writing, discussion and critique. Students will gain experience with cyanotypes, pinhole cameras, instant film, and the 35mm film process. Respect for equipment is essential. A limited number of instant and 35mm cameras are available for student use. Students may use their own cameras if available.

Intro to Photography - Digital Photography

(1/2 Credit)

Grade Level 10-12

Course ID: 103

Welcome to the Photography Studio! Go beyond the everyday selfie and learn to compose visually stunning photos. Students will learn the difference between taking a photo and 'making' a photo in this beginners course in digital photography. Various camera settings will be learned to offer greater creative and technical control. This course builds the foundation for visual literacy regarding both form and content

[Back to Table of Contents](#)

of photographic images. The elements and principles of design as they relate to photographic composition are emphasized. Students learn framing within the viewfinder and explore various compositional principles. Digital processing techniques are introduced using digital photo editing tools (like Adobe Photoshop or PixlerE).

Advanced Studio Art Level 1 & 2

1 Year (1 credit)

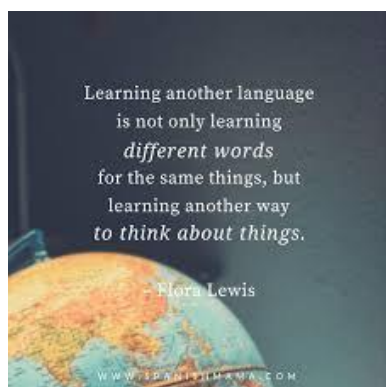
Grade Level 11-12 2 years HS Art required or teacher approval

Course ID: S1: 107, S1: 108

1st semester- This course is for students who are considering post-secondary study in art and will focus on their options for future studies in fine, commercial, or applied art. Students will prepare a portfolio of past and current work, which demonstrates both breadth and quality. This course includes a large amount of independent work, along with group collaborations, lectures, and demonstrations. Students may focus their portfolio in any of the art areas: photography, painting, design, etc. Assessment is based on the degree of involvement, participation in critiques, group participation, problem solving, cooperation, completion of work, and journaling.

2nd semester- Students may take this second year if they are able or they can complete the course in one year and submit the completed portfolio. This second year of the course focuses on the concentration portion of the portfolio as well as the quality portion of the portfolio. The Breadth and Concentration portion of the portfolio require a High Res digital portfolio.. All students need to complete the portfolio requirements to complete this course.

WORLD LANGUAGE



Our world is becoming more connected through travel & technology. Language learning is an insider's view into and appreciation for another culture. We become accepting global citizens as we increase our awareness of the cultures, languages, and diversity that span our globe.

Students will study various aspects of the Spanish languages, as well as the music, food, dress, traditions, celebrations, art, and beliefs of the 21 countries with Spanish as their official language.

	9	10	11	12
Spanish	Spanish I	Spanish I Spanish II	Spanish I Spanish II	Spanish I Spanish II

21st Century Skills in world language:

[Back to Table of Contents](#)

Critical Thinking

Perspective
Range of thinking
Curiosity
Global awareness
Cultural awareness

Communication

Flexible communication
Listening
Vocabulary / etymology
Multicultural literacy
Presenting
Oral and written
communication

Collaboration

Diversity
Sensitivity
Cooperation
Adaptability

Creativity

Problem solving
Exposure
Self-direction
Perseverance
Imagination
Personal expression

Jobs Involving World Language:

Medical professions

Agriculture

Physical therapy

Education - domestic or
foreign

Translator

Peace Corps

Insurance

National security (FBI, CIA,
NSA)

Non-profit

Market research

Airline

Manufacturing Research

Industry

Journalism

Human resources

Trade - import / export

Customs

Technical writer

Church/Missionary work

Pharmacist

Automobile

International banking

Linguist

Arts

Travel agent

Investment analyst

Dental

Law

Patents

Public relations

Political aide

Military

Government

Corrections

Hospitality

Computer/technology

Course Descriptions

Spanish 1 I & II**(1 credit)****Course ID: S1: 351, S2: 351B**

Students learn basic aspects of culture, language and geography. Students practice the four language learning skills: speaking, listening, reading, and writing. In level I, their writing skills focus on spelling and simple sentence structure, whereas their listening and speaking focus are on basic conversational skills and pronunciation. Students read to comprehend elementary texts. Cultural aspects like customs, traditional food, school, family and holidays are addressed. By the end of this level a student should be able to participate in very simple conversation and understand simple spoken and written materials. This course is designed for all students in grades 9-12. This is a rigorous class, which requires students to do work daily outside of the classroom.

Spanish 2 I & II**(1 credit)*****Prerequisite: Spanish 1 I & II****Course ID: S1: 352, S2: 352B**

This course is a continuation of level I, building the skills of listening, speaking, reading and writing. Students create in Spanish, as their vocabulary increases and their language skills become more sophisticated. We focus on advanced grammar concepts, like verb tenses, and creating longer, more detailed sentences. Emphasis is put on writing and conversational

[Back to Table of Contents](#)

abilities. Students use the target language to express themselves through dialogues, readings, and projects, and culture studies continue to be an important part of this class.

Prerequisite: Successful completion of level I with a C or above

Spanish 3 I & II

(1 credit)

***Prerequisite:** Spanish 1 and Spanish 2

Course ID: S1: 353, S2: 353B

This course continues the study of the Spanish language with an emphasis on conversation. Short stories and short novels are read and discussed as well as magazines and newspapers. A cultural study of Spain is pursued. Evaluations are oral or in the form of a project.

Spanish 4 I & II

(1 credit)

***Prerequisite:** Spanish 1, 2, and 3

Course ID: S1: 354, S2: 354B

Students will continue studying the Spanish language with emphasis on speaking. Evaluations are oral or in the form of projects or longer written assignments.

German I

(1 credit)

Course ID: S1: 358, S2: 358b

Students will continue studying the German language with emphasis on speaking. Evaluations are oral or in the form of projects or longer written assignments.

OTHER

Teacher Aide

(1/2 credit)

Grade Level: 11-12

Course ID: 88

The teacher aide program is set up for juniors and seniors to experience working with someone at school. Students must be full time DGF students and have a cumulative GPA of at least 2.25 to be considered for the program. Students choose a work/study area they have an interest in and they must report each day for attendance and instruction. Students will receive a pass/fail grade and may elect to take credit toward graduation for this class. Students may earn up to 1 credit in this course. Eligible students must get signed permission from the instructor before being accepted into the program. A licensed staff member is to have no more than one teacher aide per semester.

Study Hall

(no credit)

Grade Level: 11-12

Course ID: S1:143 S2:143b

Study hall is available to students who are in two or more college courses at DGF. If you are not in two or more college courses at DGF and register for a study hall, you will be placed in to an alternate course.