

FRESHMEN ELECTIVES

2021 – 2022

**Frederick High School
Frederick, Colorado**



FREDERICK
HIGH SCHOOL
CU SUCCEED PROGRAM

WORLD LANGUAGES

WL151A-WL151B: SPANISH 1A/1B 9 - 12

(Elective credit) (NCAA Approved)

36 weeks/2 semesters/1.0 credit

Open an exciting new chapter in your life as you learn to communicate in a whole new way. This course is designed to offer students an introduction to the Spanish language and its many cultures. Its intent is to expose students to the four basic language skills: listening, speaking, reading, and writing and to a culture different from their own. The course includes a presentation of grammar concepts, vocabulary, and culture—with instructional emphasis on conversation. Students will be expected to complete written and oral assignments and to participate in a positive manner in classroom activities. You must pass Spanish 1A to take Spanish 1B.

WL101A / WL101B: FRENCH 1A/1B 9-12

(Elective credit) (NCAA Approved)

36 weeks/2 semesters/1.0 credit

This course is designed for students who desire an introduction to a second language and culture. Its intent is to expose students to the four basic language skills: listening, speaking, reading, and writing, with instructional emphasis on conversation. Students learn basic vocabulary words, sentence structure and grammar associated with speaking French which includes: weather, dates, time, numbers, food, parts of the body, colors, clothing, family, and travel. By the end of the year, students are able to ask and answer basic formulaic questions and communicate about themselves, their likes and dislikes.

WL141A-141B: MANDARIN CHINESE 1A/1B 9 - 12

(Elective Credit) (NCAA Approved)

36 weeks/2 semesters/1.0 credit

This beginning course will introduce students to Chinese and focus on listening, speaking, and reading abilities through classroom activities, conversation, reading, story writing, role playing, singing, calligraphy, games, etc. Students will acquire the knowledge and skills to begin communicating in Mandarin Chinese. Students will also be introduced to Chinese culture through media presentations and discussions.

ART AND MEDIA

A110: BEGINNING DRAWING 9 - 12

(Fine Arts Credit)

18 weeks/1 semester/0.5 credit

Fee: \$25.00

This class focuses on realistic drawings with understanding of the mechanics of light, shadow, and proportion. This approach allows beginning students to develop technical and compositional skills to make drastic improvements in their drawing abilities and more experienced artist to refine their skills. Drawing projects are taught through various techniques such as right brain drawing, grid drawing, value gradients, portrait art, and still life. Mediums covered may include graphite, charcoal, pen and ink, color pencil.

A102: 2D DESIGN 9 - 12

(Fine Arts Credit)

18 weeks/1 semester/0.5 credit

Fee: \$25.00

This is a beginning level class focusing on the principles (Harmony, unity, emphasis, movement, rhythm, pattern) and elements (Line, shape, form, value, texture, color, and space). Students will learn to see and think like an artist. Mediums covered may include pencil, watercolor, charcoal, tempera, etc. Students are expected to demonstrate consistent improvement in the application of skills taught, a positive attitude, and good work habits.

A105: BEGINNING CERAMICS 9 - 12

(Fine Arts Credit)

18 weeks/1 semester/0.5 credit

Fee: \$25.00

This course will provide an in-depth study of ceramics using stoneware clay. Techniques may include pinch, coil, slab, wheel throwing, and glazing. Students will be encouraged to create original designs while producing useful and/or decorative objects.

A109: CRAFTS 9 - 12

(Fine Arts Credit)

18 weeks/1 semester/0.5 credit

Fee: \$25.00

This introductory course is designed to give students creative experience in 2D and 3D art while learning the elements and principles of design that makes crafts successful. Class projects may include: batik, decoupage furniture, handmade books, paper Mache masks, painting, polymer clay, printmaking, and weaving. Students are graded on their use of the principles and elements of design, their craftsmanship, and their technical proficiency in each project.

A210: VISUAL JOURNALING 9 - 12

(Fine Arts Credit)

18 weeks/1 semester/0.5 credit

Fee: \$25.00

This course serves as an introduction to using a sketchbook format to research, develop ideas, and experiment with a variety of media and techniques. Students will learn creative strategies that will guide their pursuit of inquiry as they learn from and contribute to the world of visual culture. This course will also help students build grit by normalizing the role that failure plays in artmaking because a sketchbook is a safe and appropriate platform to explore and master new content. There will be an emphasis on process vs. product.

CTE 111: BEGINNING DIGITAL PHOTOGRAPHY 9 - 12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit/67.5 Contact Hours

Fee: \$20.00

Prerequisite: none

Beginning Digital Photography provides an overview of the elements of design, a basic understanding of rule of 3rd, and introduction into the basics of editing a photo. Students will be able to apply basic editing skills learned in Adobe Photoshop such as typography, image development, layout, scanning images, manipulating photographs, and creating digital artwork to projects that will create basic marketing and advertising projects. Class projects may include: postcards, magazine cover, book/movie illustration, and etc. Students will be assessed on their use of the elements of design, originality, workmanship, and technical proficiency in each project undertaken.

CTE 110: BEGINNING VIDEO PRODUCTION 9 - 12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit/67.5 Contact Hours

Fee: \$20.00

Prerequisite: none

Video production provides an overview of the elements of design, basic understanding of the digital storytelling, and introduction in the production process. Students will be able to synthesize the roles of writer, producer, director and actors to explore the principles and techniques of videotape production including; camera operation, basic script writing, lighting, sound, and basic digital editing. Class projects will examine the pre-production, production, and post-production processes in detail; projects may include montage, interview, commercial, music video, and a pursuit. Students will be assessed on their use of the elements of design, originality, workmanship, and technical proficiency in iMovie, Garageband, and Final Cut Pro in each project undertaken.

CTE 116: BEGINNING GRAPHIC DESIGN 9-12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit

Fee: \$25.00

Covering the basic theory and concepts of visual communication used to present information and promote a message. Students learn a basic understanding of the elements and principles of design. Skills taught are typography, image development, layout, scanning images, manipulating photographs and creating digital artwork. Students are exposed to graphics programs such as Adobe Illustrator and Adobe Photoshop. Class projects will include: logo design, poster design, brochure design and packaging design.

CTE 9032: INTRODUCTION TO MULTIMEDIA 9 - 12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit/67.5 Contact Hours

Fee: \$10.00

Prerequisite: none

Introduction to Multimedia provides an overview of theory and concepts of visual communication used to present information or promote a message to a consumer. Students will be able to apply an understanding of the elements of design to develop interactive, computer-based media for presentational and instructional use. Students will be able to apply basic skills learned in previous classes such as typography, image development, layout, scanning images, manipulating photographs, and creating digital artwork to projects that will create comprehensive marketing and advertising plans for companies. Students will apply the understanding of Adobe Photoshop, Google Sites, Scratch, and Garageband to create their digital designs. Class projects may include: logos, posters, brochures, billboards, flyers, websites and packaging. Students will be assessed on their use of the elements of design, originality, workmanship, the ability to assess customer needs and technical proficiency in each project undertaken.

COMPUTER SCIENCE AND BUSINESS

CTE 105A-CTE105B: COMPUTER SCIENCE A/B 9-12

(Practical Art Credit)

36 weeks / 2 semesters / 1.0 credit

This is a two semester course intended to provide students with exposure to various information technology occupations and pathways. During the Fall semester, the course will explore very relevant IT disciplines such as Networking Systems, Programming, Web Design, and Cybersecurity. During the Spring semester, the course will assume a more focused exploration of the Coding Pathway to teach students the basics of computer programming. An emphasis is placed on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications.

CTE 9018: INTRODUCTION TO PC APPLICATIONS 9 - 12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit

This course introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet.

CTE 83220: INTRODUCTION TO ARTIFICIAL INTELLIGENCE 9 - 12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit

Artificial Intelligence is a rapidly evolving field that is quickly transforming our society. This introductory class will explore this new and growing field by exploring the question of what intelligence is and how people and machines can learn; the importance of data to AI; the use of hardware to create a Smart environment; and the ethics challenges we face in an increasingly connected world. Students will have the chance to try out various cutting-edge technologies, ranging from IBM's Watson (Machine Learning) to Misty and NAO robots. Some experience with programming and/or robotics is helpful, but not required.

CTE 9051: INTRODUCTION TO BUSINESS 9 - 12

(Practical Art Credit)

18 weeks/1 semester/0.5 credit

Students will learn basic business principles, business economics, personal and business finance, consumer credit and banking, business law, entrepreneurship, management and marketing. This course will provide a broad foundation on which to build as students move into other business courses as well as practical business knowledge that can be applied to students' roles as employees, consumers, and citizens. Participation in either Future Business Leaders of America (FBLA) and/or DECA is required. Students who participate in FBLA and/or DECA learn valuable leadership and social skills.

MUSIC AND THEATER

MU113A-MU113B: SYMPHONIC BAND A/B 9 - 12

(Fine art credit)

36 weeks/2 semesters/1.0 credit

Fee: \$50.00

Symphonic Band is open to 9-12 students who play a band instrument. First quarter involves performing parade and field marching music at various school activities. Second through fourth quarters involve performing a wide array of concert band literature at various school activities. Additional playing opportunities exist for students in district and state-wide performing groups. Students do have the opportunity to letter in band. In order for students who are enrolled in a music class to progress musically, it is highly recommended that they continually participate in a music performing group.

MU105A-MU105B: JAZZ BAND A/B 9 - 12

(Fine art credit)

36 weeks/2 semesters/1.0 credit

Fee: \$20.00

Prerequisite: Concurrently enrolled in Symphonic Band

Stage Band is composed of students that are concurrently enrolled in Symphonic Band. These students perform a wide array of jazz, rock, swing, Latin, and ballad styles of music. The instrumentation of this group is open to any band instrument. In order for students who are enrolled in a music class to progress musically, it is highly recommended that they continually participate in a music performing group.

MU131A-MU131B: STRING ORCHESTRA A/B 9 - 12

(Fine art credit)

36 weeks/2 semesters/1.0 credit

Fee: \$20.00

String Orchestra is a non-auditioned group open to 9th - 12th graders, welcoming all students who play a string instrument. Students will perform a wide array of orchestra literature, with an emphasis on developing core string technique. Students have the opportunity to letter in String Orchestra, audition for district and state honor orchestras, and (for advanced students in the class) work on a secondary instrument. Through participation in this group, students will develop skills of artistic expression, critical thinking, and musical literacy.

MU109A-MU109B: PERCUSSION ENSEMBLE A/B 9 - 12

(Fine art credit)

36 weeks/2 semesters/1.0 credit

Fee: \$50.00

Prerequisite: Permission of the instructor

Students enrolled in Percussion Ensemble will learn music and technique specific to percussion instruments. Students may be asked to perform music along with the marching band and concert band.

MU155A-MU155B: CHAMBER SINGERS 9

(Fine art credit)

36 weeks/2 semesters/1.0 credit

Fee: \$20.00

Chamber Singers is the introductory 9th grade choir course at FHS. All Freshmen who are interested in choir will take this course fall semester, developing a strong foundation as they learn the expectations, procedures, and processes of the Frederick High School Choir program. For second semester, students will have the option of remaining at this current level or auditioning for an advanced level choir.

MU103: COLOR GUARD 9 - 12

(Fine art credit)

18 weeks/1 semester/0.5 credit

Fee: \$50

Prerequisite: Permission of the instructor/Audition

Students enrolled in Color Guard perform choreographed flag routines along with the music of the marching band. This group is responsible for adding color and visual interest to the marching band performances during first quarter. The second, third, and fourth quarters are dedicated to music in a winter guard setting.

MU111: SMALL ENSEMBLES 9-12**(Fine art credit)****18 weeks/1 semester/0.5 credits****Fee: \$20.00**

Small Ensembles is open to all 9th - 12th graders with a love for music who want to perform. Students will be grouped according to musical interest, and will be given the opportunity to play songs of their choice in pop, rock, country, hip-hop, funk and any other non-classical genre. Within these bands, students will learn the skills needed to play and arrange cover songs, become gig-ready, and even write their own music. Students are welcome to join with their full band if they already have a group outside of school, or form new bands with instructor support. Performances will occur both at FHS and within the community, modeling authentic work within the non-classical music field.

MU210: HISTORY OF ROCK AND ROLL 9 - 12**(Fine art credit)****18 weeks/1 semester/0.5 credit**

Students will explore the history of Rock and Roll from the 1950's to present day. Work for the course will focus on a variety of projects dealing with the history of popular music. No previous music classes are required.

MU212: MUSIC AROUND THE WORLD 9 - 12**(Fine art credit)****18 weeks/1 semester/0.5 credit**

Students will explore music as an art form in different cultural contexts in various global societies. Work for the course will focus on a variety of projects dealing with a wide range of music themes and genres. No previous music classes are required.

MU225: MUSIC THEORY 9 - 12**(Fine art credit)****18 weeks/1 semester/0.5 credit****Fee: Cost of Book**

Students will learn basic concepts of music theory and music history. Projects will include writing musical compositions and a variety of projects on music history. Students will learn to use computer music notation programs. No previous music classes are required.

MU200: GUITAR 1 9-12**(Fine art credit)****18 weeks/1 semester/0.5 credit****Fee: Cost of Book**

Guitar students will learn basic guitar skills and methods. Students will learn chord charts, identify parts of the guitar, and play various strum patterns. Students will also learn fundamentals of music theory such as rhythm, melody, and notation. Students will need to provide their own guitar and will need to purchase the required method book, "Hands on Training, First Year Guitar."

MU135: HAND BELL ENSEMBLE 9 – 12**(Fine art credit)****36 weeks/2 semesters/1.0 credit****Fee: \$20.00**

Hand bell ensemble is open to any interested 9-12 students. The class will focus on learning proper playing techniques of hand bells. Students will perform traditional hand bell literature. Students will learn to read music notation and will be expected to attend all performances.

MU206: PIANO 9-12**(Fine art credit)****18 weeks / 1 semester / 0.5credit****Fee: \$20**

This course is designed for the student who wishes to acquire and develop piano keyboard skills. The course will introduce, reinforce, and develop the concepts of keyboard playing and music sight-reading, theory and technique. This class is appropriate to players of all levels.

MU220: MUSICAL THEATER 9-12**(Fine art credit)****18 weeks / 1 semester / 0.5credit****Fee: \$30**

Students in this course will receive advanced training for musical production. Students will master skills in acting, vocal performance, dance, technical theatre, and instrumental technique. The culmination of this training will be displayed in the FHS Fall musical. *It's an expectation that students who wish to be a part of the FHS musical as a performer or pit member enroll in this class.* Students in this class will be required to participate in after school rehearsals and performances throughout the fall semester.

LA400: DRAMA 1 9-12**(Fine arts credit)****18 weeks/1 semesters/0.5 credit**

This is an introductory course for students wishing to learn more about the craft of acting. The main focus of this class is to develop poise, concentration, and teamwork in both ensemble and individual assignments. Students will learn basic stage movement and terminology as well as a brief overview of theatre history. Beginning acting exercises, play reading and analysis, monologue and scene work round out the curriculum.

LA405: STAGE TECHNICIAN BEGINNER 9-12**(Practical Art Credit)****18 weeks/1 semester/0.5 credit****Fee: \$20**

This course is designed to expose students to the more technical aspects of theatrical production, including simple instruction in set design and construction, sound and light theory and design, as well as beginning stage management skills. Students will also explore additional specific theatrical areas as costuming and make-up design and application.

ACADEMIC ELECTIVES

LA202: BEST SELLERS 9-12**(LA Credit)****18 weeks/1 semester/0.5 credit**

This course is designed for students who have a desire to read. Its intent is to enhance reading ability and develop interest, no matter what the student's individual reading level may be. The course allows for self-selection of materials in order to promote lifelong reading habits. Students will be expected to complete all reading and writing assignments.

SS220: PSYCHOLOGY 9-12**(Elective Credit) (NCAA Approved)****18 weeks/1 semester/0.5 credit**

This course offers students an opportunity to investigate human behavior and mental processes. The basic course addresses topics and issues relevant to the high school students who want to know more about the following areas: History and research Methods, Stress and Health, States of Consciousness (sleep and dreams), intelligence, and Personality Perspectives. Weekly reading assignments from the text and various outside sources are required in addition to completing personal inventories.

SS235 SOCIOLOGY 9-12**(Elective Credit) (NCAA Approved)****18 weeks/1 semester/0.5 credit**

This class examines important social issues of our time as they are portrayed on radio, television, film, the internet, newspapers and magazines. Students will learn how to analyze the media's impact on our lives and how to apply that knowledge to sociological issues. Topics include: equality and the sports world; shock radio and politics; crime on TV and in reality; the internet and social changes; and the influence of film on public opinion. Assessments include multi-media presentations, survey interpretations, and tests, writing exercises, group productions and discussion. Textbook units, articles, and personal inventories are the primary materials used in this course.

SS200: CONTEMPORARY GLOBAL ISSUES 9--12

(Elective Credit) (NCAA Approved)

18 weeks/1 semester/0.5 credit

This course is a social studies elective focusing on the area of political science. Students will study domestic issues in America and how our government is impacting and working with them. They will also look at our government's involvement with international issues. Students will use textbooks as well as other current events to explore the world of modern American politics.