

Centennial Junior High School

9th Grade Course Descriptions

School Year 2022-2023

*Requires Permission/Application

**Requires Audition/Permission

Assistants (Elective Credit)

210 sem Office Assistant*

This semester offering is for students desiring practical experiences in office routine. Students will be selected based on academic achievement, attendance, and citizenship. Students may be assigned to the Main Office or the Counseling Center. Grading is Pass/Fail. Office approval, application, and minimum 3.0 GPA required.

211 sem Teacher Assistant*

This semester offering is for students desiring practical experience in daily classroom teacher activities. Students should talk with the teacher they would like to work during 8th grade's third term. Teacher approval and application is needed. Grading is Pass/Fail.

212 sem Counseling Office Assistant*

This semester offering is for students desiring practical experiences in office routine. Students will be selected based on academic achievement, attendance, and citizenship. Students may be assigned to the Main Office or the Counseling Center. Grading is Pass/Fail. Office approval, application, and minimum 3.0 GPA required.

215 sem Library Media Assistant*

The Library Media Assistant provides an important service to the school by helping students, teachers, administration, and the librarian. Media Assistant will be trained in the responsibilities and procedures of working in the media center, including library organization, book promotion, customer service, blog writing, and technology applications. Students will also learn research skills, information finding, and organizational skills. Excellent attendance, grades and citizenship are required-3.0 GPA, no D's, F's, N's or U's. Teacher approval and application is needed.

Band (Fine Art Credit)

2220 yr Band 3 Advanced

Brass, Woodwind or Percussion. Advanced playing techniques will be stressed; high level of commitment due to the many public performances is required. 9th grade students who have taken beginning band and intermediate band will be allowed to register. Pre-requisite: Beginning Band, Intermediate Band, Audition or Teacher Approval. Class Fee Required.

2224 yr Advanced Percussion*

All percussionists who have successfully completed the intermediate percussion class should register for this course, which offers continuing instruction on drums, mallets, timpani, and auxiliary percussion. Students pay a \$95.00 district use fee to use school instruments. A high level of commitment due to many public performances is required. Prerequisite: Successful completion of Intermediate Percussion. Class Fee Required.

2225 yr Jazz Band**

Jazz Band is a class designed for students who want to explore music more fully. Emphasis will be placed on listening skills, music theory, jazz scales, jazz articulations, and improvisation. Students will have performances throughout the year and will play at other special events. Students enrolled in Jazz Band must also be enrolled in another full-year music class. Class Fee Required.

Career Technology Education (CTE Credit)

7410 sem Child Development 1

Come join us as we learn and understand the aspects of child growth and development from conception to age 5 including birth, infancy, toddlers, and preschoolers. You will also learn about human development and pregnancy. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Learning activities and lab experiences in working with young children may be included. **Class Fee Required.**

7433 sem Sewing Construction 1

Come join us as we learn about the exciting world of Apparel Design. You will learn how to use a sewing machine and serger to create apparel and accessory items. You will learn basic fitting and sewing construction skills. The skills you will learn will be lifelong and will prepare you for careers in the apparel industry and or entrepreneurial opportunities. Students will be able to earn a Skills Certificate providing them a career "jump-start" in the industry. **Class Fee Required.**

7445 sem Interior Design 1

Come join us as we explore the creative world of interior design. You will learn the foundation of interior design-the elements and principles of design. Students will work with color concepts and schemes, textures, fabrics, floors, walls, and window treatments, kitchen design, lighting, and home furnishings through individual projects. Other topics include furniture arrangement basics, floor plan evaluation, area planning and careers. This course allows students to develop their creativity while applying the principles and elements of design in this exciting world of interiors. **Class Fee Required.**

7460 sem Foods & Nutrition 1

This course is designed to focus on the science of food and nutrition for a healthy lifestyle. Students participate in many hands-on experiences with food safety and sanitation, culinary technology, food selection/preparation skills, meal management, and dietary analysis. Students will have the opportunity to earn a Skills Certificate, providing them a career "jump-start" in the industry, as well as the opportunity to obtain a ServSafe food handler permit. **Class Fee Required.**

7760 sem Exploring Computer Science (Digital Studies Credit)

This is a fun class that takes the concepts of computer science and breaks them down into easy-to-understand lessons. Students will learn to do such things as learn about parts of a computer, computer problem solving, computer programming, Artificial Intelligence, and webpage development. Students will have fun learning the basics of HTML and CSS to develop simple webpages, create and code programs and games into Python and learn to code computer devices using Neo Pixels. The best part is students get Digital Studies credit from this class, have fun, and will look forward to coming to class every day. **Class Fee Required.**

7795 sem Web Development 1 (Digital Studies Credit)

This is a course designed to guide students in a project-based environment, in the development of up-to-date concepts and skills that are used in the development of today's websites/ Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding and Cascading Style Sheets (CSS). They will follow the steps to create a website by planning, designing, developing, deploying, and maintaining website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in web development as they complete projects and create their own website(s). The best part is students get Digital Studies credit from this class, have fun, and look forward to coming to class every day. *This class is not available at Farmington HS or Davis HS.* **Class Fee Required.**

7820 sem Engineering Technology 1

In this course, you will be introduced to the world of engineering. Students will discuss the academic and career paths open and learn basic concepts of engineering design. This course includes several projects which emphasize the fundamentals of design as a language for communication in all engineering fields. Students in engineering teams apply research, technology, science, mathematical concepts and skills to design, test, and analyze engineering projects. **Class Fee Required.**

7823 sem Construction Technology/Green Architecture

This course provides an alternative approach to construction and building. The "green" architect attempts to safeguard air, water, and earth by choosing eco-friendly building materials and construction practices. In this class, you will have hands on opportunities while working individually and in group settings. **Class Fee Required.**

Choir (Fine Art Credit)

2307 yr/sem Choir 2- Mixed

In mixed choir will continue to develop your vocal and music reading skills and build confidence. Challenge yourself to singing in 3 and 4-part harmonies. Choir Level one or music exploration is required, or 3 levels of piano completed with the understanding of basic music symbols and theory concepts. *This class is also available for 1st semester only, as a half year option.* **Class Fee Required.**

2310 yr Choir 3-Rolling Thunder**

This course is an auditioned choir for primarily 9th grade students who have demonstrated ability in choral performance while continuing to work towards mastery in the areas of tone production, proper diction and musical interpretation. Music reading ability as well as applications/auditions are required. Emphasis is on reading 3-4-part mixed score (SATB). There are several performances each term. As representatives of CJH, students are expected to maintain good grades and citizenship. *Auditions are held in March. Please talk with Mrs. Avant mavant@dsdmail.net, if you are interested.* *Prerequisite: 2 semesters of choir/or 3 years piano instruction.* **Class Fee and Apparel Fee Required.**

Electives- MISC.

213 sem Peer Tutor (Resource Classroom Peer Tutor)

The purpose of this course is to provide support for students with disabilities. Students will be required to apply for this course with either the counselors, Mrs. Loveday, or Mrs. Hallows. In some settings, the peer tutor will be asked to help support students in either an English, math, science, or history class. You will be required to help support students with their needs, assist with online programs (Canvas, MyDSD, ALEKS, etc.), and be a positive influence on their education. During this course, not only will you be required to help the student/s you are assigned to, but you will also be responsible for assignments via Canvas. No previous experience is required. No N's, U's, or F's. Good attendance is required.

850 yr Released Time (Seminary, non-credit course)

Released Time is an opportunity for the student to be released, with parent permission, from the school for one period for religious or other unique educational pursuits. Released Time does not generate academic credit towards graduation.

4365 yr Yearbook**

The Centennial Junior High School Yearbook staff is responsible for publishing our school's yearbook. As a part of this staff, members must demonstrate strong writing or design skills and a commitment to our program for the entire school year. As a staff member, you will learn how to interview people and how to take pictures with digital cameras. High standards of journalism and contemporary design will be expected, and skills in these areas will be taught as a part of the class curriculum. What we need from you is your enthusiasm and willingness to learn. This is a teamwork driven class in which DEADLINES are the TOP PRIORITY! Staff members have the opportunity to write stories, take pictures, add captions, and design the layout. Teacher approval and application is needed.

Language Arts

4055 yr English 9

English 9 will help students begin to master the communication skills necessary to succeed in high school and beyond by utilizing the Summit Online Learning Platform. The course focuses on the traits of effective, academic argumentative and informative writing including but not limited to structure, development, academic vocabulary, and technique. Students will also learn to evaluate increasingly challenging literature including novels, poetry, and plays. Independent reading (outside of class) is required. Students are expected to bring a book of their own choosing to class each day.

4060 yr English 9 Honors

English 9 Honors will focus on the same standards and objectives as English 9 by utilizing the Summit Online Learning Platform. In Honors English, students will move faster due to more rigor on assignments in class as well as higher expectation each day. Honors students will be expected to perform higher in reading as well as writing before the year starts. Students will be challenged in reading and writing as well as in inquiry, speaking, and listening more so than in regular classes. Students will also be expected to be self-motivated and complete work with efficiency and completeness of the tasks required within specific timeframes as finishing projects without specified deadlines forcing them to manage their own time to complete tasks and work at their own speed. Students can expect rapid movement through course materials resulting in expanded literature and writing opportunities.

4335 sem Creative Writing 1

In this class, students will explore different forms of creative expression in writing. Students will work in many writing mediums, including fictional stories of all genres and sizes, creative nonfiction essays and memoirs and poetry. Students will work to find a voice and style comfortable for their expression while learning tools of the trade that professionals use.

4340 sem Creative Writing 2

Students in this class will be given the freedom and guidance to work in the genres of their interest (novel writing, poetry collections, personal essays, etc.) to create a longer work or a collection of short pieces. Students will explore options for publication. Students will utilize peer and teacher feedback to continually shape and improve their writing. Prerequisite: Creative Writing I.

4375 sem Speech 1

Speech & Debate I is designed to help students speak comfortably in public, make and defend arguments with skill, and develop research and presentation skills. Students will develop a foundation in the art of rhetoric and the principles of effective public speaking as well as learn about the U.S. legal system. Competition Speech and Debate events and Mock Trials will also be introduced. Grade based on participation and in-class competitions.

Mathematics

5200 yr Secondary Math 1

This class will develop and deepen students' math skills on some of the following topics: solving equations that involve inequalities and/or absolute values, solving systems of 2 equations or inequalities, exponential functions, function operations, construction of shapes, and basic statistics. Staying in the Regular Math track will make students eligible to take Math1050 as a senior. **Class Fee Required.**

5205 yr Secondary Math 1 Honors

This class will develop and deepen students' math skills on some of the following topics: solving equations that involve inequalities and/or absolute values, solving systems of 2 equations or inequalities, exponential functions, function operations, construction of shapes, and basic statistics. This class will also cover the following topics: Matrices Operations, using a matrix to solve systems, and using matrices as vectors. Staying in the Honors Math Track will make students eligible to take Calculus as a senior. **Class Fee Required.**

5305 yr Secondary Math 2 Honors*

This class will develop and deepen student's math skills on some of the following topics: quadratic functions, factoring, completing the square, the quadratic formula, conditional probability, complex numbers, the basics of trigonometry, circles, and geometry proofs. Taking this class will also make students eligible to take Calculus as a Junior. **Class Fee Required.**

Music (Fine Art Credit)

2401 sem Beginning Guitar

This class is for beginning guitar students with little or no experience. It will focus on beginning guitar techniques such as playing simple melodies and chords. Requirements: must have their own guitar. **Class Fee Required.**

Orchestra (Fine Art Credit)

2406 yr Concert Orchestra

This class is for advanced junior high string players and focuses on intonation, upper positions, rhythm, harmony, balance, and phrasing. This is a performance-oriented class with required performances at District orchestra and solo & ensemble festivals. Home practice is required. Prerequisite: Beginning Orchestra or Teacher Approval. **Class Fee Required.**

Physical Education (Counts for PE credit)

1022 sem PE 9

This course focuses on a variety of team sports, games, and individual sports with emphasis on leadership, courtesy, respect, responsibility, and sportsmanship. This course also provides instruction aimed at improving and maintaining physical fitness and continuing team sports participation. PE uniform is required and available for purchase in the Main Office. Summer PE may be taken the summer before 9th grade to meet this requirement (fee). **Class Fee Required.**

1050 sem Strength Training

This elective course is designed to introduce students to an "overall" conditioning program to improve flexibility, muscular strength, muscular endurance, body composition, and cardiovascular endurance implemented into a daily class routine. The routine established in class should begin to be reflected and integrated into the students' daily life to support and improve overall fitness and athletic performance. **Class Fee Required.**

1060 sem Yoga

Yoga is a great way to reconnect with your body and mind. Besides improving your flexibility, muscle strength, energy and metabolism, it also supports your physical, social, and emotional health. In this class we will focus on positive energy that will enhance your body awareness through strengthening exercises (yoga poses), meditation and relaxation techniques, injury prevention and stress management. We will learn mindfulness, practice positive self-talk, and body appreciation. You will develop positive behavior and learn to respect yourself and others that will contribute to building lifelong habits. This course may be used to fulfill the graduation requirement for Individual Lifetime Activities. We will have yoga mats for use, but if you would like to bring your own you are welcome. **Class Fee Required.**

Science

6200 yr Biology

Students who take this class will earn one unit of Biology credit through laboratory experiences, investigational research field work, and problem-solving techniques. This class focuses on the structure of cells and DNA, and how these structures affect the function of living things; how genetic information carried in DNA is passed from parent to offspring; the evolution of species over time through processes of natural selection; and ecological interactions between living things and their environment, and how this leads to extinction of some species. This class offers rigorous experiences for high ability learners and is tailored to students who are wanting to go deeper and move faster. Some students naturally can maintain this level, and some have to work hard for it, but the bar is high in order to create a class designed for high ability learners. Must be enrolled in Secondary Mathematics I Honors to take Biology limited enrollment; rubric may be used for qualifications. **Class Fee Required.**

6300 yr Earth Science

Students who take this class will earn one unit of high school Earth Science credit through fieldwork, lab experiences, investigational research, and problem-solving techniques. This class prepares students for further study in physics, chemistry, astronomy, and biological sciences. Through observation, measurement, and problem-solving, students will develop an awareness of the earth's systems and local environmental problems as well as appreciation for the physical laws that govern our solar system. **Class Fee Required.**

6600 sem Hacking STEM

This STEM-focused class for 8th and 9th graders has students build problem solving skills, promote teamwork, and learn perseverance and persistence while engaging in technology-based projects. Experience with wiring and coding are not necessary to take this class, but a willingness to try new things, fail, and try again is! If you are looking for relevant STEM experiences, opportunities to learn new technology, and a forum to brainstorm real-world solutions, this is it. You will get the chance to wonder about the world, make sense of how things work, and solve problems in a collaborative environment. STEM Explorations is a prerequisite. Class may not be repeated. **Class Fee Required.**

6706 sem Science Explorations- Robotics*

Students will learn to build and program VEX IQ robots. Students will practice mechanical design, construction, programming and teamwork skills. Using VEX IQ building pieces, motors and sensors, students will build robots that can complete a variety of challenges and obstacles. Students will use a controller to drive their robot and a computer to program their robot. In this course, students will work through processes of idea creation, planning, logical thinking, analysis and computational thinking to solve problems and accomplish goals. This course is designed for students who are interested in developing their programming and engineering skills. Class may not be repeated. **Class Fee Required.**

Social Studies

4520 sem/yr World Geography

Students will explore human geography and the role it plays in the economic, political, social, cultural, and historic development of a country. The course includes units on physical geography, population, culture, political systems, agriculture, and economic geography. One semester of Geography is required for graduation; a full year is strongly recommended for college-bound students.

4532 sem Current Issues

This course will allow students to develop awareness while examining current issues on local, national, and international levels. Students will learn skills such as analyzing sources, surveying, interviewing, developing presentations, speaking, reading articles, argumentative writing, service activities and working in groups. Students will study issues and current events in many areas including civics, history, politics, economics, environment, demographics, and education, as well as school and community issues such as bullying, stress, homework, and respecting diversity.

4590 yr AP Human Geography

AP Geography is a rigorous year-long course that focuses on preparing students to take and pass the AP Human Geography test to earn college credit. The AP test is offered at the end of the year; not required. The purpose of the course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organizations. They also learn about the methods and tools geographers use in their science and practice.

Theater (Fine Art Credit)

230 yr Stage Crew* (not fine art credit)

The course is an exploration of the duties of stage technicians and their contribution to the total aesthetic effect of a dramatic production. Topics covered will include scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound and lighting; costume and makeup application; theater safety; the function of technical stage personnel in production work; and dramaturgy. Student Acceptance by Application Only; Open to 8th & 9th graders – See Ms. Howell in room 2104 for more details. **Class Fee Required.**

2502 sem Theatre I

Students explore the fundamentals of acting with the utilization of exercises and games, through which the students develop ensemble and individual performance skills. Students are introduced to basic theatre etiquette and terminology; basic elements and principles of theatrical performance; and the process of auditioning. Students are required to attend at least one live theatrical presentation from a high school in the district. In this introductory course, students showcase what they learn throughout the semester by performing in front of the class. **Class Fee Required.**

2503 sem Theatre II

Students continue to study theatre as an art form through use of voice, movement, and character development. Students will be introduced to William Shakespeare and continue to strengthen performance skills by participating in Reader's Theatre, monologues, tableaux, scene work and group performances, with special emphasis on creating believable and real characters. Students are required to attend at least one live theatrical presentation from a high school in the district. Like Theatre I, students showcase what they learn throughout the semester by performing in front of the class. Prerequisite: passing grade in Theater I. **Class Fee Required.**

2504 2nd sem The Acting Company*

In this co-taught class, students receive the expertise of both theatre teachers as they continue to strengthen their acting abilities. Students will focus solely on acting, characterization, and building a believable character to prepare them for high school theatre. Students perform one acts, dive into the language of Shakespeare, and share productions and performances with live audiences. In this performance-based class, students will have many evening performances of a full-length straight play, as there is no official extracurricular production during the spring semester. These evening performances are mandatory for all students and productions will be advertised to the school, other schools, and the entire community. This class is for driven and dedicated students; can be taken in conjunction with Musical Theatre. Prerequisites: passing grades in both Theatre I and Theatre II OR passing grade in Theatre I AND Instructor Permission. **Class Fee Required.**

2508 1st sem Musical Theater**

In this co-taught class, students receive the expertise of both theatre teachers as they prepare to perform the fall musical. Rehearsal will take place during the school day with 2-3 weeks of after-school rehearsal. Students focus solely on acting, singing, and dancing as it pertains to the chosen musical; and must be driven, team players and show initiative. Students must audition for this class to demonstrate proficiency of theatre skills; can be taken in conjunction with The Acting Company. Prerequisites: a passing grade in Theatre I is preferred. Auditions will be recorded and submitted during the month of March and the class list will be posted on the Thunder Theatre website by April 30. Please talk with Mrs. McAllister or Mrs. Meadows, if you need more information or check the Thunder Theatre website. **Class Fee Required.**

Visual Arts (Fine Art Credit)

2105 sem Art Foundations

This introductory course offers instruction in various art media and the basic principles of art. Each student will have the opportunity to develop a general knowledge and understanding of basic art terms, styles, skills, and techniques through the creation of art. For students who did NOT take Foundation Art I in 7th or 8th grades. **Class Fee Required.**

2106 2nd sem Studio Art**

This course is designed for advanced art students who have mastered the skills taught in Art 1 and 2 and may desire art to be a part of their future. This class requires students to be self-motivated as they pursue their artistic interests and develop a portfolio that showcases not only technical skill but an ability to communicate ideas in a creative way. Pre-requisite- Portfolio Review by teachers. **Class Fee Required.**

2107 sem Painting 1

This course is centered on using color to define form and create textural illusions using paint. A variety of paint types will be used as works of art created on canvas and papers. There is a continuing emphasis on Studio production as students use the elements and principles of art to express themselves. Prerequisite Art Foundations I. **Class Fee Required.**

2110 sem Drawing 1

This course will focus on rendering from life and expressing ideas and concepts with traditional and non-traditional mediums. This course is designed to develop higher-level thinking and problem solving through studio production. Prerequisite Art Foundations I. **Class Fee Required.**

2118 sem Art 3-D Design

This course provides an enhanced experience with the artistic issues of Foundation I through 3-dimensional art media. The media in this course may include traditional ceramic clay and glazes, traditional sculptural materials, and assemblages. There is a continuing emphasis on Studio production as students use the elements and principles of art to express themselves through 3D mediums. Pre-requisite Foundation Art I And Foundation 1adv 3D. **Class Fee Required.**

2121 sem Photography I

Photography I is an introduction to the art and technology of still photography. Students will be introduced to digital cameras and will learn to edit their photographs using computer software. They will use photography to illustrate a variety of art concepts and ideas. Pre-requisite Foundation Art I. **Class Fee Required.**

2123 sem Commercial Art

This course covers Digital Art Media with a focus on Adobe Photoshop & Illustrator. We will explore design principles, digital painting techniques, and visual expression, as we learn with industry standard software. Pre-requisite Foundation Art I. **Class Fee Required.**

World Languages**3120 yr Spanish 2**

Spanish 2 is a continuation of Spanish 1 with emphasis on continued development of oral communication skills. There will also be further experience with reading and writing. Cultural experiences will be based on contemporary daily life with some exposure to the historical background of Spanish-speaking countries. **Class Fee Required.**

3130 yr Spanish 3

Spanish 3 is a continuation of Spanish 2. More emphasis will be placed on writing skills and grammar, including the use of past tenses. Speaking Spanish in class will continue, as well as the study of culture. **Class Fee Required.**

3220 yr French 2

This course gives students the opportunity to expand their acquired language skills through comprehensible input. The course focuses on all four language skills: listening, speaking, reading, and writing. Students who demonstrate Novice-High proficiency, which means that students will be able to create a sentence with details, at the end of Level 2 should continue to the level 3 course the following school year. **Class Fee Required.**