

JUAN DIEGO CATHOLIC HIGH SCHOOL



2019-2020 Course Guide



Graduation Requirements

Religious Studies	8 semesters	4 credits	4 years
English	8 semesters	4 credits	4 years
Social Studies	8 semesters	4 credits	4 years
Mathematics	8 semesters	4 credits	4 years
Science	6 semesters	3 credits	3 years
World Languages	4 semesters	2 credits	2 years
Fine Arts	2 semesters	1 credit	1 year
Computer Science	1 semester	1/2 credit	1/2 year
Health	1 semester	1/2 credit	1/2 year
Physical Education	3 semesters	1 1/2 credits	1 1/2 years
Electives	9 semesters	4 1/2 credits	

AP Capstone™ at Juan Diego Catholic High School



AP Capstone™ is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP® courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. In AP Research students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic thesis. AP Seminar is a prerequisite for AP Research. Students may not take AP Research without completing AP Seminar and all the required assessment components as they will not have developed the skill necessary to be successful in AP Research.

The AP Capstone program aims to empower students by:

- Engaging them with rigorous college-level curricula focused on the skills necessary for successful college completion;
- Extending their abilities to synthesize information from multiple perspectives and apply skills in new situations and cross-curricular contexts;
- Enabling them to collect and analyze information with accuracy and precision;
- Cultivating their abilities to craft, communicate, and defend evidence-based arguments; and
- Providing opportunities for them to practice disciplined and scholarly research skills while exploring relevant topics that appeal to their interests and curiosity.

AP Capstone Courses

3720AP AP Seminar (Advanced Placement) \$\$

Initial course in the Capstone diploma program. Prerequisite: Departmental approval. AP Seminar is the first of two required courses in the AP Capstone sequence, and also serves as the sophomore English credit for eligible students.

In AP Seminar students tackle a wide variety of literary, philosophical, historical and current events readings, and write multiple essays analyzing the argumentation in these readings and synthesizing sources into original argumentative essays. Students also write three research papers and make three videotaped oral presentations; the last two of each are uploaded to the College Board and serve as part of the student's AP score. Students are admitted to the course by invitation based on Accuplacer scores and with the permission of the instructors. Students must also complete a mandatory writing prompt to demonstrate their proficiency in required course skills along with readiness and commitment. Because this demanding course requires students to complete long-term projects and meet multiple deadlines, students should consider carefully whether they are willing and able to meet these commitments. Students must pay exam fee, which was \$142 in 2018-19

3725 Research Methods

Prerequisite: AP Seminar

(Summer Course) Research Methods is prerequisite course to AP Research. Research Methods is a summer class that will be taught in a blended format, both online and in person. The class will introduce students to research, including how to choose a research topic, identify a research problem, find reliable sources related to the problem, design data collection instruments, and conduct original ethical research. By the end of the class, students will create a proposal for an original study that could be used for the final AP Capstone course, AP Research. This course requires a commitment to complete assignments and attend regular meetings during the summer months. It also requires students to have reliable internet access during the summer months.

3730AP AP Research (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students and parents are required to sign an expectation contract.

AP Research is the second component in the AP Capstone sequence. To enroll, students must have taken AP Seminar and received a score of 3 or higher from the College Board. Additionally, students must have received a score of 3 or higher on two or more AP exams. In AP Research students build on the

reading, research and writing skills developed in AP Seminar, and write a 5,000 word individual research paper, similar to a senior thesis and representing an original line of inquiry. Students must pay exam fee, which was \$142 in 2018-19.



100 Religious Studies

Students are required to complete one year of Religious Studies for each year enrolled at Juan Diego Catholic High School.

Freshman

1131 Freshman Theology I

This course is an introduction to what it means to be a Juan Diego student as well as an introductory investigation of the revelation of Jesus Christ as found in Sacred Scripture. The purpose of this course is to give students a general knowledge and appreciation of the Bible. Through their study, they will come to encounter the living Word of God, Jesus Christ. Students will learn about the Bible, as authored by God through inspiration, and its value to people throughout the world. Students new to reading scripture will learn how to read the Bible and become familiar with the major sections of the Bible. Alongside scripture study, students will be working with the "Principles and Choices" program where the text Identity and Values will challenge how they define happiness, success and love. This program addresses various spiritual, social, and emotional developmental issues that challenge and confront adolescents today. Topics presented and discussed are rooted in Gospel values and virtues, using Jesus' greatest commandment as the foundation for the development of both a character and conscience that demonstrates who Jesus calls us to be.

1132 Freshman Theology II

This course introduces students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. Students will understand that Jesus Christ is the ultimate revelation to us from God. Particular attention is on the Gospels, where students may grow to know and love Jesus Christ more personally. In learning about who Jesus is, the students will also learn who He calls them to be. "Principles and Choices" will continue to explore the spiritual, social, and emotional developmental issues that challenge and confront adolescents today.

Sophomore

1231 Sophomore Theology I: The Mission of Jesus Christ (The Paschal Mystery)

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

1232 Sophomore Theology II: Jesus Christ's Mission Continues in the Church

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained

by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church, but about the sacred nature of the Church.

Junior

1331 Junior Theology I: Sacraments as Privileged Encounters with Jesus Christ

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

1332 Junior Theology II: Life in Jesus Christ

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plan for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Senior Electives

1411 Social Justice

FALL SEMESTER

Students study the principles of Catholic social teaching and their applications to contemporary justice issues such as hunger, war and peacemaking, workers and worker rights, ecological problems and economic systems. The course stresses magisterial teaching drawn from the Catechism of the Catholic Church, Papal encyclicals, Council documents, and pastoral statements from the USCCB. Students critique contemporary values and discuss moral choices in light of the Gospel message and Church teachings.

1453 Ecumenical and Interreligious Issues

SPRING SEMESTER

The purpose of this course is to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. The course is intended to help students recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them recognize the ways in which other systems of belief and practice differ from the Catholic faith.



1454C Ethics and Values (Concurrent) \$\$

FALL SEMESTER

Prerequisite: Departmental approval. Fees: Students pay for textbooks and the concurrent college tuition fee. They must also pay a one-time fee for enrolling in Utah Valley University, which awards the college credits.

Challenges students to (1) explore and clarify their values; (2) critically read works of philosophy, literature, religion, and history toward understanding the basis of their ethical views; and (3) read, study, research, discuss, and write about difficult ethical issues. Focuses on issues of good vs. evil, justice vs. injustice, equality vs. inequality, and the necessity of defining and examining happiness and values. Engages students in serious reflection on issues of ethics and values as they relate to the students' own lives.

1464C Western Religions (Concurrent) \$\$

SPRING SEMESTER

Prerequisite: Departmental approval. Fees: Students pay for textbooks and the concurrent college tuition fee. They must also pay a one-time fee for enrolling in Utah Valley University, which awards the college credits.

For students majoring in humanities related disciplines and other students interested in the academic study of religion. Presents the comparative study of the history, ritual, "theology," and ethical beliefs of the major western religions including Judaism, Christianity, Islam, Zoroastrianism, Baha'i, and nontraditional religious belief in the western world. Explores similarities and differences between them by examining the primary sources and sacred texts along with the unique beliefs and practices of each tradition.

1462 Peer Ministry

FULL YEAR

Application, recommendations and interview process are required. Students chosen for this course will fulfill their service requirement. Class content will include the developing and deepening of one's personal spirituality and prayer life; skills training in interpersonal relationships and group process; vocational discernment and the call to discipleship; and practical ways to become agents of change in promoting a just society. Students will receive training for assuming leadership roles in the liturgical and ministerial life of the school; as well as, assisting new students in their transition to high school.

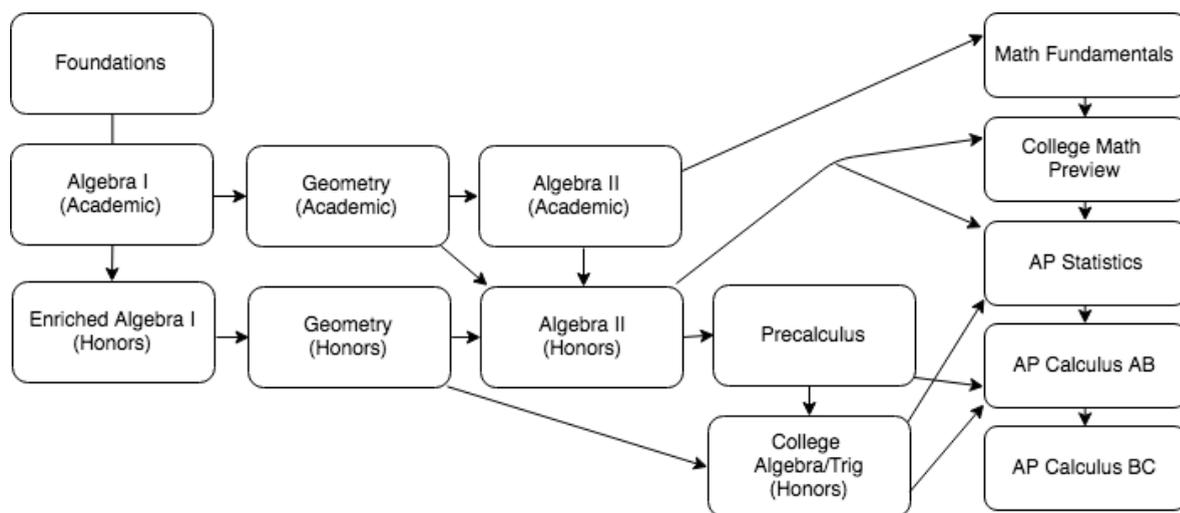
1463 Human Rights

FULL YEAR

Application, recommendations and interview process are required.

Students study principles of Catholic social teaching and their applications to contemporary justice issues such as discrimination, inequality, human rights, economic justice, hunger issues, global poverty, immigration, health issues, migrant workers, stewardship, dignity for all people. The course stresses magisterial teaching drawn from the Catechism of the Catholic Church, Papal encyclicals, Council documents, and pastoral statements from the USCCB. Students critique contemporary values and discuss moral choices in light of the Gospel message and Church teachings. Students will receive training for assuming leadership roles in promoting a just society through work in the Human Rights International Club and social justice life of the school.

200 Mathematics



Students are required to earn four (4) credits in mathematics for graduation. All math placement is based on grade history, test scores, and teacher recommendation. Most freshmen enroll in some level of Algebra I. However, incoming freshmen who have mastered Algebra I and demonstrate proficiency through both the educational assessment exam and the qualifying exams may begin high school work in Geometry (Honors), Algebra II (Honors), or higher. Academic courses above Algebra I are NOT offered to freshmen. ALEKS, a web-based software program, is a required component of most math classes. TI-84 (or equivalent) graphing calculators are required for coursework in Algebra II and above. All Advanced Placement (AP) math classes require students and parents to sign an expectation contract. There is also a fee (\$94 in 2018-19) for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

2000 Math 1

(Semester Course)

This freshman required course reinforces existing arithmetic, algebra and geometry skills and explores concepts students will need to master in order to further their study of mathematics.

2112 Foundations HS Math

This course is for students who need to shore up their arithmetic and pre-algebra skills before taking Algebra I. The class will include intense study and drill of arithmetic concepts, including operations on integers, fractions, and decimals; a thorough treatment of percent; arithmetic word problems; and pre-algebra concepts to prepare for Algebra I. ALEKS, a web-based software program, is a required component of this class.

212 Algebra I (Academic)

Students in this course may or may not have had an algebra course in an earlier grade, but are expected to have mastered the arithmetic skills necessary for success in high school-level mathematics. Since proficiency with signed numbers, fractions, decimals, and percents are fundamental to success in ensuing high school mathematics classes, students are regularly assessed on these skills as well as on the course material. This course follows the Saxon Algebra 1 text. Topics include properties of the real number system, solving one-variable linear equations and inequalities, solving one variable, applying properties of exponents, simplifying rational expressions, graphing linear equations in two variables, and simplifying radical expressions. The successful student in this course is willing to practice each concept thoroughly, and understands that the concepts in this course are the foundation of high school and college mathematics.

2141H Enriched Algebra I (Honors)

This course follows the College Board's Pre-AP Algebra I framework. Topics include properties of the real number system, linear and quadratic equations and inequalities, functions, systems of linear equations and inequalities, properties of exponents, and exponential growth and decay. Emphasis is on developing conceptual understanding and interpreting solutions in the context of a problem situation.

222 Algebra II (Academic)

Prerequisites: Algebra I and Geometry

This course is geared toward Juniors and Seniors completing the standard college preparatory sequence of Algebra I, Geometry, and Algebra II. Students will review and deepen their understanding of concepts

learned in Algebra I. Proficiency in solving word problems is also stressed. Since proficiency with signed numbers, fractions, decimals, and percents are fundamental to success in high school mathematics classes, students are regularly assessed on these skills as well as on the course material.

2220H Algebra II (Honors)

Prerequisites: Algebra I and Geometry

This is an accelerated course in Algebra designed for students who intend to take Calculus while in high school. Algebra II explores more complex algebra problems, including solving and graphing linear, quadratic, exponential, rational, and logarithmic functions. The Honors level Algebra II course will cover material at an accelerated rate. Emphasis will be placed on solving more challenging problems to better prepare students for higher math.

231 Geometry (Academic)

Prerequisite: Algebra I

This course follows the Saxon Geometry text. The investigation of two-dimensional geometric figures (triangles, polygons, circles, etc.) leads students to the study of three-dimensional objects such as cones, cylinders, and prisms. This course includes a thorough study of plane geometry, including its formation, language and applications. Since proficiency with signed numbers, fractions, decimals, and percents are fundamental to success in high school mathematics classes, students are regularly assessed on these skills as well as on the course material.

2310H Geometry (Honors)

Prerequisite: Algebra I (Honors)

This course is designed for the above average math student who can handle a faster paced course as well as an in-depth study of the topics. This is a student who has mastered Algebra I and who is interested in the Calculus track in high school. The course will cover standard geometry topics in 2 and 3 dimensions. Students will also make extensive use of deductive and inductive reasoning in discovering and proving geometric theorems, as well as in problem solving. The course will also include a more thorough introduction to analytic geometry and plane trigonometry than is covered in the academic geometry course. Since proficiency with signed numbers, fractions, decimals, and percents are fundamental to success in high school mathematics classes, students are regularly assessed on these skills as well as on the course material.

2331H College Algebra and Trigonometry (Honors)

Prerequisites: Algebra I and Geometry

This is an intensive course designed for students who completed Geometry (Honors) with a B average or better, and intend to take Calculus while in high school. College Algebra and Trig is a combined Algebra II and Precalculus course. Topics include algebraic and graphical analysis of complex numbers, quadratic, polynomial, rational, and radical functions, analytic geometry and conic sections, exponential and logarithmic functions, and trigonometry.

Math Electives

2332 Math Fundamentals

This seniors-only course is required for students who have completed Algebra II Academic. Math Fundamentals will review various topics from Algebra I, Geometry, and Algebra II, and will include work on Arithmetic proficiency as well.

2339 College Math Preview

Prerequisite: Algebra II (Honors)

This seniors-only course is the culmination of Algebra I, Geometry, and Algebra II. While reviewing various concepts, students will study applied topics that often appear in college level math classes. These topics include: logic, organizing data and introductory statistics, probability, financial formulas, triangle trigonometry, and other ideas as time permits.

2410H Precalculus (Honors)

Prerequisites: Algebra II (Honors)

This course covers the final advanced algebra topics, trigonometry, and the preliminary calculus topics of sequences and series, mathematical induction, probability, and limits and derivatives of basic functions. The majority of the material is presented and applied in both an algebraic and graphing/data analysis approach. This is an upper-level elective math course at Juan Diego, the successful student in this course will be able to use the textbook examples as well as class examples to aid learning. The successful student will also be willing to use the class time effectively for both lectures/presentations and independent/group practice problems.

2350AP AP Statistics (Advanced Placement) \$\$

Prerequisite: Algebra II (Honors)

AP Statistics covers the topics of a modern introduction to statistics course. The topics are studied within the framework of four major categories: Exploring data, Sampling

and Experimentation, Anticipating Patterns, and Statistical Inference. The emphasis will be on clearly defining the questions to be investigated, gathering and organizing data, producing informative graphical and numerical summaries, modeling relationships, making decisions while accounting for uncertainty in the data, and clearly communicating results in the context of the study. This course contains a summer component that is completed online with our Moodle virtual classroom.

242AP AP Calculus AB (Advanced Placement) \$\$

Prerequisite: Precalculus (Honors) or College Algebra and Trig (Honors)

AP Calculus AB is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least a semester of calculus at most colleges and universities, and to perhaps a year of calculus at some. Algebraic, numerical, and graphical representations are emphasized throughout the course. Students must have a willingness to work both in and out of class, a willingness to collaborate with classmates to foster mutual understanding, and a sincere desire to do well on the AP examination.



244H Adv Topics Applied Math

Advanced Topics in Math and Science introduces an array of subjects. It emphasizes mathematical modeling and understanding that goes beyond high school calculus and is for students who intend to major or minor in math or the sciences once they have left Juan Diego. Cross-curricular connections

are illuminated by drawing from multiple disciplines and perspectives. Topics will change based on interest and faculty involvement, but may include Differential Equations, Linear Algebra, Nuclear and Kinetic Chemistry, Electrical Circuits, Population Modeling, Statistical Analysis and more. The course will familiarize students with the concepts that commonly confound, so when they encounter them in the university setting they are primed to succeed.

2450AP AP Calculus BC (Advanced Placement) \$\$

Prerequisite: AP Calculus AB or Departmental approval.

The material covered in AP Calculus BC is equivalent to that of Calculus I and Calculus II at a university. In addition to all of the material covered in the AP Calculus AB course (noted above), this course includes differentiation of polar, parametric, and vector valued functions, as well as some advanced integration techniques, including integration by parts and partial fractions. Beyond these add-ons to AB topics, a great deal of time is spent on sequences and series, a major component of BC Calculus. Because of the accelerated pace and rigor of this class, students who enroll in this course must be willing to spend extra time in study, participate in study groups, and/or to schedule meeting times with the instructor in order to meet the challenges this course affords.



300 Science

Students must complete three years of science studies. Freshman students, if qualified, may enter into Earth Science (Honors) or Biology (Honors) during their first year. Some courses in this discipline may be a "blended" course that combines online activities, provided by our Moodle virtual classroom servers and weekly teacher directed classroom instruction. Blended online course offerings are taught in conjunction with the State Online Program and the Canyons School District. There are no fees for these courses.

3110 Earth Science (Academic)

This science course will introduce students to topics in many different disciplines of earth science including composition of the earth, surface processes on earth, the atmosphere and the oceans, geologic time, resources and the environment, and the solar system. Fundamental knowledge such as use of the scientific method, critical thinking skills, and laboratory skills will be emphasized.

3120H Earth Science (Honors)

Prerequisite: Departmental approval

This science course will introduce students to topics in many different disciplines of earth science including composition of the earth, surface processes on earth, the atmosphere and the oceans, geologic time, resources and the environment, and the solar system. Fundamental knowledge such as use of the scientific method and critical thinking skills will be emphasized. Students will be introduced to laboratory activities in this course, which will include in-depth written laboratory reports. Honors Earth Science is distinct from Academic Earth Science in terms of a faster pace of study and a more rigorous approach to material.

321 Biology (Academic)

Prerequisite: Earth Science

This course examines the nature of life and explains the basic properties and activities of living organisms. Topics covered include cell biology, genetics, evolution, and ecology of living things. Laboratory investigations and dissections are included. This course also includes the writing of research papers.

322H Biology (Honors)

Prerequisite: Departmental approval

This course encompasses the basic underlying principles of biology including an in depth study of the nature of science, the characteristics of life, cell biology, genetics, molecular biology, zoology and evolution.



Academy of Sciences

Juan Diego students may obtain a special Academy of Sciences designation on their student transcripts. Students may enter the Academy of Sciences track in either their freshman or sophomore year, and complete the following requirements to receive the Academy of Sciences honor:

- **Science Academy Independent Research:** Students must complete a professional research project and present their research at a recognized science competition such as the Intel Science and Engineering Fairs, Junior Science and Humanities Symposium, Google Fair, or Siemens Competition.
- **Coursework:** Students must take at least three AP-level courses in the STEM fields. These courses may be a combination of Science, Mathematics, and Technology. JDCHS currently offers 7 AP Science courses, 3 AP Mathematics courses, and 1 AP Technology course.
- **Service and Extracurricular Activities:** Students must demonstrate interest and commitment to science outside of the classroom. The JD Science department provides monthly Academy of Sciences activities, such as judging elementary science fairs, attending community science events, or engaging with school STEM clubs.

Students wishing to receive Academy of Sciences designation on their transcripts must obtain faculty signatures for all of the above requirements by the end of the fall semester of their senior year. At the Academic Awards ceremony of their Senior year, students meeting the Academy requirements will receive recognition in the form of a JDCHS Science Academy lab coat.

Laboratory experiences such as dissection are an integral part of this course. Computer activities, group and individual work, oral and written activities and class discussion are incorporated into this course.

331 Chemistry (Academic)

Prerequisites: Algebra I and Biology

This course covers the basic principles of chemistry. The concepts covered include matter and energy, atomic structure, periodic table relationships, scientific measurement, chemical reactions, reaction stoichiometry, states of matter and the laws governing them, bonding principles, acid base theory and pH, reaction rates and equilibrium, oxidation reduction and electrochemistry, and an introduction to organic chemistry. Critical thinking skills, problem solving skills, and laboratory techniques will be developed.

333H Chemistry (Honors)

Prerequisites: Enrolled in or completed Algebra II, Biology, and departmental approval

This course is for those students who will pursue vocations in the sciences, medicine, nursing, or related fields. Principles, concepts and quantitative thinking are emphasized. The course covers atomic theory, gases, equilibrium, and other principles of chemistry. Emphasis is on mathematics. Quantitative lab work is included.

332AP AP Chemistry (Advanced Placement) \$\$

Prerequisites: Algebra II, Chemistry, and departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end of year AP exam and a \$15 lab fee. College credit may be earned with an appropriate score on the exam.

This course is equivalent to the first year of inorganic college chemistry taught over an academic year. This course covers in greater depth and quantitative reasoning the concepts introduced in Chemistry. Classroom work and laboratory activities will follow the general outline specified by the College Board in its chemistry description booklet. This is a full year course including laboratory work commensurate with the course curriculum.

333AP AP Biology (Advanced Placement) \$\$

Prerequisites: Enrolled in or completed Chemistry and departmental approval, Students are not required to purchase textbooks. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam and a \$15 lab fee. College credit may be earned with an appropriate score on the exam.

This course encompasses the basic principles of biology at the college freshman level in its scope and sequence taught over an eight month period, followed by preparation

for the advanced placement examination. Classroom work and laboratory activities will follow the general outline specified by the College Board in its biology description booklet.

341 Physics (Academic)

Prerequisites: Chemistry

Students will explore the concepts of physics in a format that continues the development of problem solving skills. The skills, tools, and processes used in the field of physics will be emphasized. The focus will be on three main topics: matter, motion and energy. A student planning to attend college will benefit from the emphasis the course provides in the application of mathematical concepts. Laboratory work will give students a chance to put their knowledge into action.

3411AP AP Physics 1 (Advanced Placement) \$\$

Prerequisites: Completion of Algebra II and Departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end of year AP exam and a \$15 lab fee. College credit may be earned with an appropriate score on the exam.

AP Physics 1 is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics); work, energy, and power; and mechanical waves and sound. It will also introduce electrostatics and electric circuits. Students will develop an understanding of foundational principles of physics by applying these principles to physical situations that combine multiple aspects of physics rather than present concepts in isolation. They will

design and conduct inquiry-based laboratory investigations to solve problems through firsthand observations, data collection, analysis and interpretation, and develop critical thinking skills through applying algebraic methods to formulate physical principles and solve complex physical problems.

3420AP AP Physics C (Advanced Placement) \$\$

Semester 1-Mechanics, Semester 2-Electricity & Magnetism Prerequisites: Completion of Calculus and departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end of year AP exam and a \$15 lab fee. College credit may be earned with an appropriate score on the exam.

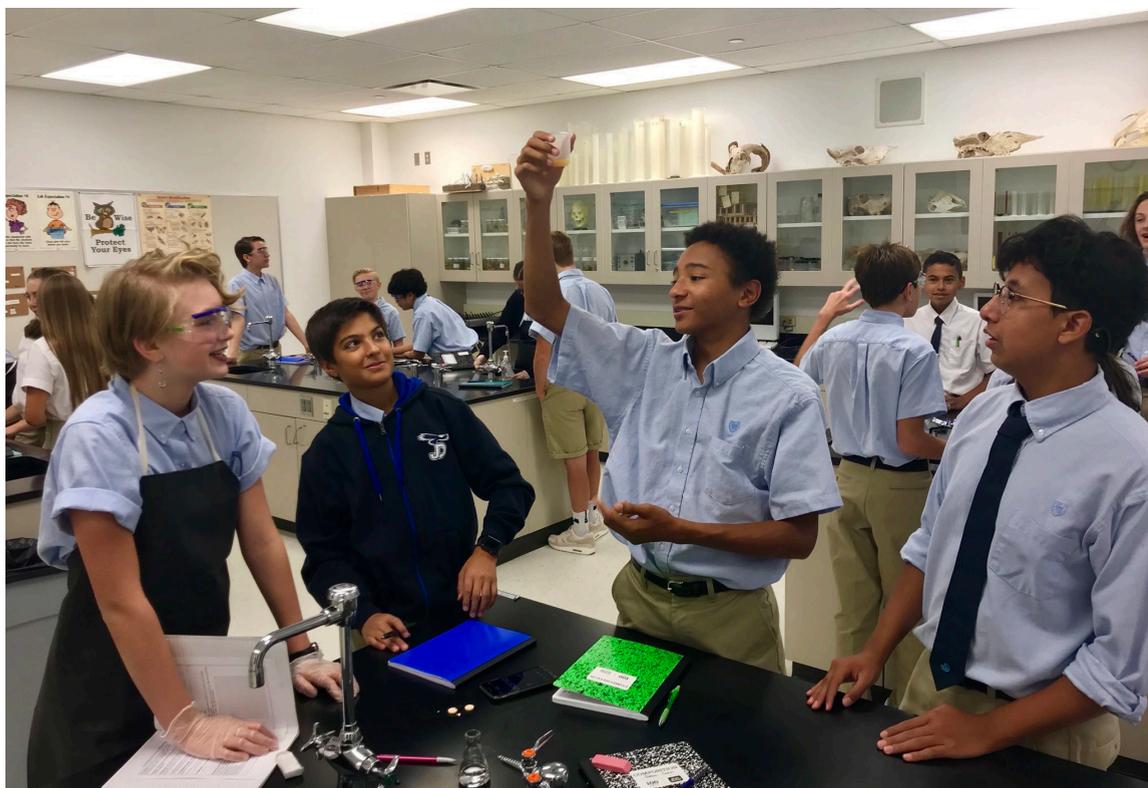
Physics C is a calculus-based physics course that is typically required of science and engineering majors in college. It assumes prior knowledge of both physics and calculus. Semester one topics include motion, forces, energy, rotation, oscillations and gravitation. Semester two topics include electrostatics, electric circuits, magnetic fields and electromagnetism. Students will develop a deep understanding of foundational principles of physics by applying these principles to complex physical situations that combine multiple aspects of physics rather than present concepts in isolation. They will design and conduct inquiry-based laboratory investigations to solve problems through firsthand observations, data collection, analysis and interpretation and develop critical thinking skills through applying methods of differential and integral calculus to formulate physical principles and solve complex physical problems.



3421AP AP Physics 2 (Advanced Placement) \$\$

Prerequisites: Completion of AP Physics 1 and Departmental Approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam and a \$15 lab fee. College credit may be earned with an appropriate score on the exam.

AP Physics 2 is the equivalent of a second semester college course in algebra-based physics. The course develops a deep understanding of the foundational principles of physics in classical mechanics and modern physics through the study of fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Students will design and conduct inquiry-based laboratory investigations to solve problems through first hand experience, and develop critical thinking skills by applying algebraic methods to solve complex physics problems.



3550AP AP Environmental Science (Advanced Placement) \$\$

Prerequisites: Algebra I, enrollment in or completed Biology, and departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam and a \$15 lab fee. College credit may be earned with an appropriate score on the exam.

This interdisciplinary course will be equivalent to a one semester college course in Environmental Science and will include a variety of labs, field trips, and debates of environmental issues. It will require the practice of critical thinking skills to understand the interconnectedness of natural systems, identify and properly analyze current environmental challenges, and design and examine solutions. The course will build on many of the concepts already learned in Freshman Earth Science related to air, water, geology, and human sustainability, and will integrate some Biology, Algebra and basic Chemistry. Finally, the material in this course will prepare students to take and pass the AP Environmental Science exam.

Science Electives

3531 Ecology \$\$ (Semester course)

Prerequisites: Earth Systems AND Biology, completed or concurrent enrollment. This course has a \$15 lab fee.

Ecology is the study of interactions among organisms and between organisms and their environment. This course will cover the general principles of ecology and study specific examples of ecosystems and how

they operate. Outdoor laboratory work and a research paper will be part of the required course work. Some of the outdoor laboratory work may take place either after school, or over weekends.

361 Anatomy and Physiology \$\$

Prerequisite: Enrolled in or completed Chemistry. This course has a \$15 lab fee.

This course is designed to give students information, principles and experiences that are central to the understanding of anatomical and physiological science. It will provide an opportunity through dissection, class assignments and labs for a better understanding of human anatomy and physiology. The major concepts will be the structure and function of the major organ systems, homeostasis, and regulation and control as they relate to human function. Overall, students will continue their development of a foundation for continued growth in the biological sciences.

362 Zoology \$\$ (Semester course, open to Juniors and Seniors)

Prerequisites: Enrolled in or completed Chemistry AND Biology. This course has a \$15 lab fee.

Zoology is an elective science course involving a survey of animal life on Earth. Topics in this course include animal evolution and adaptations, animal systematics, animal anatomy, animal behavior and animal interdependence and ecology. Activities in this course include lectures and group work as well as lab experiments and dissections.

3651 Astronomy \$\$

(Semester Course open to Juniors and Seniors)

Prerequisite: Earth Science.

In this course students will explore properties of the sun, stars, galaxies, interstellar material and cosmological models of the universe. Students will learn to understand the language of astronomy, understand and use specific theories, laws, and models useful in astronomy, and graph, analyze, and interpret various types of astronomical data. Laboratory activities will include real and virtual astronomical viewing and experiments.

3700 Academy of Sciences Independent Research

Students with an interest in pursuing rigorous study in the sciences should consider working towards an Academy of Sciences designation on their JDCHS transcript. To earn the designation, students must complete an Independent Research project, compete at a nationally recognized science research competition, pass 3 AP courses in science and math, and participate in science extracurriculars and service projects. There are many options available for interested students to become involved. Please see your science teacher for more information.

400 English

The chief task of the English department will be (1) to make the study of language a vital part of the complete education of each student and (2) to introduce students to the study of the art of literature.

Crucial to the curriculum will be an extensive course of study in literature as an expression of individual thought and a reflector of cultural change through writing. Students are required to complete four years of English. Students will be expected to bring an electronic device.

Some courses in this discipline may be a "blended" course that combines online activities, provided by our Moodle virtual classroom servers and weekly teacher directed classroom instruction. Blended online course offerings are taught in conjunction with the State Online Program and the Canyons School District. There are no fees for this course.

Freshman

410 Grammar and Composition

This course will consist of extensive study in the areas of grammar, usage, and mechanics. Students will be taught to analyze, interpret, and write logically by developing the basic writing skills of sentence structure, development and organization of paragraphs, and revision using the MLA guidelines. Students will be introduced to the areas of analytical and critical writing. In addition, students will use critical thinking, reasoning, and inference skills during class discussions of various works of literature.

4133 Learning 360

4140 H Adv English Honors

Advanced English Honors develops in students abilities to think critically and creatively, to research and explore, to pose solutions and develop arguments, and to collaborate and communicate using a range of media. Real-world issues are seen through a cross-curricular lens from multiple points of view, for the understanding of complex issues and the students' place in them. The course will focus on reading, and written and spoken communication. Students study foundational texts of philosophy and literature, contemporary research and articles; listen to and watch speeches, broadcasts, and personal accounts; view and understand art.

Sophomore

4221 Elements of Literature (Academic)

This class is a language- and literature-based course designed to reinforce students' skills in writing through the study of grammar, usage, and mechanics, along with the development of critical thinking skills through writing, class discussions, thesis paragraphs, essays, and a formal research paper. In the study of literature, students will be exposed to many different cultures through various readings of poetry, drama, fiction, folklore, and essays.

4221H Elements of Literature (Honors)

Prerequisite: Departmental approval

Sophomore literature is a literature-based honors course designed to promote the critical analysis of literature from a variety of genres and eras. It encompasses world myths and legends, Greek tragedy, Shakespearean tragedy, poetry, fiction, and nonfiction. Students will also develop vocabulary, critical thinking, and grammar skills through class discussions, essays, and a formal research paper. Students are expected to progress at an accelerated pace.

Junior

431 American Literature (Academic)

The critical analysis of literature will be further developed in this literature-based course through the continued study of vocabulary and grammar skills as well as class discussion and various composition formats. This survey course encompasses the poetry, drama, fiction, and nonfiction of the United States from the Early Settlement through the Contemporary Era. Students will also be required to compile and prepare a formal resumé.

431H American Literature (Honors)

Prerequisite: Departmental approval, summer reading required.

This is a literature-based course in the reading and critical analysis of literature in a more extensive and critical manner, with increased emphasis on writing. Students study an extensive reading list designed to reflect college-level requirements. The course encompasses the poetry, drama, fiction, and nonfiction of the United States from the Native American period through the Contemporary Era. The critical analysis of literature takes the form of class discussion and composition primarily through in-class

essays, essay examinations, formal essays, and research and special projects. Students will also be required to compile and prepare a formal resumé.

4430AP AP English Language and Composition (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students will be required to purchase textbooks. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Summer work is required.

Senior

445 Survey of British Literature (Academic)

British Literature is a course in the reading and critical analysis of literature. It encompasses the poetry, drama, fiction, and nonfiction of Great Britain from the Anglo-Saxon Period through the Modern Era. The critical analysis of literature takes the form of class discussion and composition, primarily through in-class essays, examinations, and formal essays. Grammar, usage, and mechanics will be reviewed as applied to the writing. Students will also be required to compile and/or update a formal resumé.

445H Survey of British Literature (Honors)

Prerequisite: Departmental approval

British Literature is a literature based course, in which critical thinking will play a primary role. The critical analysis of literature takes the form of class discussion and composition, primarily through in-class essays, essay examinations, and formal essay writing. The course offers a survey of poetry, drama, fiction, and nonfiction of Great Britain from the Anglo-Saxon Period through the Contemporary Era. Students will also be required to compile and/or update a formal resumé.

441AP AP English Literature (Advanced Placement) \$\$

Prerequisite: Departmental approval, summer reading required. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This is a college level, literature-based course in the reading, critical analysis, and evaluation of literature from a variety of genres and eras. This course is designed to improve students' critical thinking, interpretive skills, and writing skills while preparing them for the AP English Literature and Composition exam in May. Students will study significant works of literature, complete timed, in-class essays, out-of-class essays, a research paper, study literary terms and techniques, and participate in whole-class and small-group discussions. Students will also be required to compile and/or update a formal resumé.

4420H Shakespeare (Honors)

Prerequisite: Department and Instructor approval, Summer Reading required

This course will explore Shakespeare's life, his contributions to the theatre, and his development of tragedy, comedy, and history. In addition the course will consider Shakespeare's sonnets, his classical sources, and the history and culture of Renaissance England. Classwork will involve reading, performing, viewing, and analyzing Shakespeare's plays. Along with daily classwork, students will compose periodic essays and complete a college level research project to culminate the class.

English Electives

451C Introduction to College Writing 1010 (Concurrent) \$\$

FALL SEMESTER

(Seniors only) Prerequisite: Students must pass the Accuplacer test or show equivalent SAT or ACT scores to determine eligibility for this course. Students will earn college credit through Salt Lake Community College by receiving a passing grade in the course. Fees: Students pay for textbooks and concurrent college tuition fee.

College Writing is a college level reading and writing course. The course emphasizes rhetoric and rhetorical strategies used in different genres of writing. During the semester, students will learn to think analytically about a topic. Students will learn to develop their own "voice," and communicate effectively in well-developed writing. Students will learn to write effectively using invention, drafting, revision, editing, peer-feedback, and self-assessment, to be better prepared for college.

4500 Intro to Journalism

Intro to Journalism is a semester-long course; its goal is to provide students with a background in modern journalism, and prepare them for continued work in TV Production, Multimedia Newspaper, and Multimedia Yearbook classes. In one semester, students will learn basics of journalism, how to write newspaper articles, create broadcast clips, photojournalism, as well as fundamentals of design and layout. They will work extensively with Adobe products, including InDesign and Photoshop, as well as an array of other journalism-oriented software, including Final Cut Pro X, Google Tools, website design software, and others. This class is a prerequisite for any upper-level journalism classes (TV Production, Multimedia Newspaper, Multimedia Yearbook), as well as satisfies a computer tech credit.

4525 Multimedia Newspaper

4526 Multimedia Newspaper II

4527 Multimedia Newspaper III

4528 Multimedia Newspaper IV

FULL YEAR

Open to Freshmen, Sophomores, Juniors and Seniors) Prerequisite: Intro to Journalism and instructor approval, Students will earn computer credit.

Multimedia Newspaper is responsible for writing articles and producing content for the Speaking Eagle (speakingeagle.com), the official student publication of Juan Diego Catholic High School. Students will also help produce the print publication 99 Magazine. Students enrolled in the class will plan, produce, edit, and execute all phases of production of each of these publications. Students interested in Multimedia Newspaper should have a strong writing background, work ethic, and desire to enlighten the Juan Diego community through quality journalism. Students will work extensively with online web design, Adobe Photoshop and InDesign, and Google Tools. The class will also enter publications in local and national-level competitions.

4530 Creative Writing

(Semester Course, open to Sophomores, Juniors and Seniors)

Do you fancy yourself a writer? Do you write poems, short stories, or creative non-fiction essays in your spare time? Then this is the class for you! This is a semester-long elective class in which we will study how to write, read, and critique like creative writers. We will study three genres in creative writing: poetry, fiction, and creative non-fiction. Within each genre we will look at how the literary elements of image, voice, character, setting, and story are used. Our primary text will be a reader made for this course, which will include work from older more familiar writers

and contemporary up-and-coming ones. These works will then help us discuss craft in our own work during intensive workshop sessions that will lead towards submission for publication. The students in this class will also make up the editorial board of our literary magazine Tepeyac and will work towards its publication by the end of the semester. This will be a course to help establish a foundation for the long writing career ahead of you!

4533 Film as Literature

(Semester Course, open to Juniors and Seniors)

This class explores the complex interplay between film and literature. Film as Literature covers the influence of literature on film, the history of film, and narrative devices common to both genres. Students will read short stories, plays, and novels and analyze their transition to film. This course will also include nonfiction in examining essays, reviews, and documentaries. This will be a blended learning course with instruction and assignments both in the classroom and online.

4540 Facilitate High School Success

This course is an immersion course for international students that will focus on the fundamental skills necessary for high school success. These skills include: time management, test taking and research skills, utilizing campus resources, effective reading, how to speak to teachers, note taking, and other learning skills. Additional course content includes goal setting, values, critical thinking, diversity awareness, and the skills necessary to take the TOEFL (listening, speaking, reading comprehension, and writing).

460 Yearbook I

4610 Multimedia Yearbook II

4611 Multimedia Yearbook III

4612 Multimedia Yearbook IV

(This class is open to all students) Prerequisite: Intro to Journalism and instructor approval.

Multimedia Yearbook is tasked with producing Juan Diego's yearbook, "Tilma." Student work will be focused on photography, graphic and layout design, and fundraising, as well as interviewing and headline writing. Students will ultimately plan, produce, and edit all aspects of the yearbook. Students enrolled in Multimedia Yearbook will need a keen photographic eye, a strong work ethic, and a desire to have their efforts form the legacy of Juan Diego through its yearbook for years to come. Students will work extensively with graphics and layout software, such as Adobe Photoshop and InDesign. The class will also enter publications in local and national competitions.

500 Social Studies

Students must complete four years of social studies. Some courses in this discipline may be a "blended" course that combines online activities, provided by our Moodle virtual classroom servers and weekly teacher directed classroom instruction. Blended online course offerings are taught in conjunction with the State Online Program and the Canyons School District. There are no fees for this course.

Freshman

511 Geography/Ancient Civilizations (Academic)

This is a year-long course that teaches world geography and ancient civilizations simultaneously. The geography of a given region plays a major role in how its civilizations will develop; therefore the geography and history are taught side by side. Beginning with pre-history and ending at the Renaissance, this course will acquaint students with the great civilizations of the ancient world and medieval world. Emphasis will be placed on improving reading and writing skills through the use of primary sources, secondary sources, and current events.

511H Geography/Ancient Civilizations (Honors)

Prerequisite: Departmental approval based on MAP and Lexile assessments.

This is a year-long course that analyzes global geography and history spanning approximately 8,000 BCE to 1200 CE. Course content includes major emphasis on religious, cultural, environmental, and political aspects of Afro-Eurasia, Oceania, and the Americas. Students will reason, analyze evidence, and develop arguments. This course utilizes diverse primary documents as well as multiple secondary sources. The utilization of a variety of secondary sources allows students multiple perspectives to better interpret the past. Emphasis is placed on strengthening historical thinking skills such as chronological reasoning, comparison, contextualization, argumentation, interpretation, and synthesis, all of which better prepare students for success in future AP courses. This class will follow the Pre-AP World History and Geography curriculum.

Sophomore

521 Western Civilization (Academic)

In this course, the student will continue the study of Western civilizations begun in their freshman year. Students will study the Renaissance, Reformation, Age of Religious Wars,

Baroque period, Absolutism and Constitutionalism, Revolution Age, Enlightenment, Age of Napoleon, Nation-States and Imperialism, World War I, World War II and the Cold War through the present.

521H Western Civilization (Honors)

Prerequisite: Departmental approval

The Sophomore honors course completes the study of western civilizations that was begun during the freshman year. Students will study European history from the Renaissance through the post-Second World War period including political, economic, and cultural developments such as scientific thought, the Enlightenment, the French and Industrial Revolutions, Nationalism, Imperialism, the Russian Revolution, and the First and Second World Wars. College level study skills that are utilized in the honors course for Freshmen will continue as a focus in the Sophomore course.

522AP AP European History (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students will be required to purchase textbooks. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This course begins with an overview of the Middle Ages then continues with an in-depth study of events ranging from the Renaissance through the Cold War. The goal of the course is to prepare students for the national Advanced Placement examination in European History.

5321AP AP World History (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students and parents are required to sign an expectation contract. Class is limited to those students entering the AP Capstone program and are concurrently enrolled in AP Seminar.

AP World History is a college-level year-long world history class that analyzes global patterns of historical development and exchange from approximately 8000 B.C.E. to the present. This course begins with an introduction from the ancient world and includes major emphasis on the religious, cultural, environmental, and political aspects of Europe, Asia, Africa, Oceania, and the Americas. This course utilizes diverse primary documents as well as multiple secondary sources. Utilizing a variety of secondary sources allows students multiple perspectives to better interpret the past. The course will investigate five specific themes: environment, culture, state-building, economic systems, and social structures. These themes allow students to track historical change and continuity within and across six periods of

study. Emphasis is placed on strengthening historical thinking skills such as chronological reasoning, comparison, contextualization, argumentation, interpretation, and synthesis, all of which better prepare students for success in the twenty-first century. The course culminates with the national AP World History examination in May. In 2018-19, the fee for the APWH exam was \$94.

Junior

531 US History (Academic)

This year-long course covers the period of American history from the Spanish and French colonization to the present day. The course is designed to develop and strengthen the following skills: identification and description of historical phenomena, analysis and interpretation of historical phenomena, and comparison and contrasting of historical phenomena. The subject matter of the course is drawn from the following topics: political institutions and behavior, public policy, social developments, economic developments, cultural and intellectual developments, diplomacy and international relations.

531H US History (Honors)

Prerequisite: Departmental approval

This course covers the period of American history from Spanish and French Colonization to the present. The subject matter of the course is drawn from the following topics: political institutions and behavior, public policy, social developments, economic developments, cultural and intellectual developments, diplomacy and international relations.

531AP AP US History (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students will be required to purchase textbooks. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This year-long course is designed to follow the Advanced Placement curriculum, culminating with students taking the AP exam at the end of the school year. This course covers the period of American history from the Spanish and French colonization to the present day. The course is designed to develop and strengthen the following skills: identification and description of historical phenomena, analysis and interpretation of historical phenomena, and comparison and contrasting of historical phenomena. The subject matter of the course is drawn from the following topics: political institutions and behavior, public policy, social developments, economic developments, cultural and intellectual developments, diplomacy and international relations.

Senior

541 United States Government

FALL
SEMESTER

This course will focus on the development and function of the United States government. The Legislative, Executive, and Judicial branches of government will be studied in great detail. Current events and politics will be applied to the curriculum throughout the semester. In addition, students will study the rights and responsibilities of citizenship.

541C United States Government and Politics (Concurrent) \$\$

FALL
SEMESTER

Prerequisite: Departmental approval. Fees: Students pay for textbooks and the concurrent college tuition fee. They must also pay a one-time fee for enrolling in Utah Valley University, which awards the college credits. Finally, students will be required to purchase a subscription to Newsweek at the classroom rate. This course will cover the Constitution, civil liberties and civil rights, the three branches of government, and the role that political parties, interest groups and ideology play in shaping governmental roles and policies. Students will also discuss how these broader principles play out in current policy disputes. In addition to completing the textbook and non-textbook readings, students will be required to write three substantial essays and a short research paper. If they successfully complete this course, they will earn three credits transferable to any Utah college or university and many universities around the country.

5422 Personal Finance

SPRING
SEMESTER

This course is designed to provide students with basic knowledge (and some in-depth information) of the economics systems at work in the U.S. This class will focus primarily upon personal finance issues to demonstrate economic processes at work. Topics covered are basic laws of economics, the stock market, retirement planning, taxation, credit/credit cards, checking/checking accounts, budgeting and saving accounts.

542C Economics (Concurrent) \$\$

SPRING
SEMESTER

Prerequisite: Departmental approval. Fees: Students pay for textbooks and the concurrent college tuition fee. They must also pay a one-time fee of \$35 for enrolling. This course covers the basic concepts of microeconomics and macroeconomics: supply and demand, pricing and production decisions, labor economics, government intervention, the business cycle, and money and banking. Although the course does not involve any math beyond Algebra I, students should be reasonably comfortable with such mathematical concepts as interpreting coordinate graphs and calculating percent change. In addition to the required college coursework, students will be introduced to the basic elements of personal finance.

543AP AP Gov/Politics: US (Advanced Placement) \$\$

FALL
SEMESTER

Prerequisite: Departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This course is the study of federal, state and local governments designed to give a critical perspective on government and politics in the United States. We will study general concepts and analyze specific case studies that help interpret government and politics. Students will become familiar with the various institutions, groups, beliefs and ideas that comprise the American political reality. Students enrolled in this class are required to enroll in the spring semester AP Comparative Government and Politics.

545AP AP Comparative Government/Politics (Advanced Placement) \$\$

SPRING
SEMESTER

Prerequisite: Departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This course is a college freshman survey course that provides students a conceptual knowledge of global studies by evaluating six world political systems: Great Britain, Russia, China, Mexico, Iran and Nigeria. Students will explore the vast diversity of political structures and practices, and how these various societies fit into the global realm. Students enrolled in this class are required to enroll in the fall semester AP Gov/Politics: US.

Social Studies Electives

550 Introduction to Speech and Debate \$\$

FALL
SEMESTER

All students will be required to pay the \$80 debate team fee.

Above all, students will learn how to research, write and argue a debate case. The semester will be largely devoted to introductory debate; however students will be introduced to other competitive speech events, including student congress, extemporaneous speaking, and oratory. All students will be expected to participate in at least two competitive speech and debate tournaments (as novices.)

551 Competitive Speech and Debate \$\$

FULL YEAR or SPRING SEMESTER

All students will be required to pay the \$80 debate team fee.

This course is designed for students who have already had some experience with competitive speech and debate and hope to hone their skills. Much of the class will be devoted to researching and writing debate cases and to conducting practice debates. As much as

is feasible, students will concentrate on the events in which they plan to compete during the school year.

571AP AP Art History (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students will be required to purchase textbooks. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This course is designed to provide students with a college level introduction to the global history of fine arts, with a focus on art's personal, social and cultural meaning and on cross-cultural exchanges that have enriched the artistic tradition. The course will provide students with knowledge and understanding of architecture, sculpture, painting, and other art forms from diverse historical and geographic contexts. Students will learn to look at art critically, identifying not only how artists employ different styles and techniques but also how art embodies and supports different religious traditions, upholds or challenges political authorities, and reflects changing views of nature and human space. The course culminates with students taking the AP Art History exam in May. Freshmen may use this full year course to meet their semester geography requirement for graduation.

581 Psychology

(Semester course, open to Juniors and Seniors)

This course will provide students with comprehensive introduction to the field of psychology. The course introduces students to the study of the individual. It emphasizes the manner in which the individual can apply various psychological theories and concepts to better understand self, personal motives, and relationships with other people.

583AP AP Psychology (Advanced Placement) \$\$

(Open to Sophomores, Juniors and Seniors)

Prerequisite: Departmental approval. Students will be required to purchase their textbook. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This year-long course is intended to introduce students to the systematic and scientific study of behavior and mental processes and students will increase their understanding of psychology, its methods, theory and research. AP Psychology is a survey course, so students will focus on bits of information from many different areas in psychology. Primarily, the course will explore the psychological facts, principles and phenomena associated with each of the major subfields of psychology (consciousness, learning, personality, cognition, etc.). Summer work is required.

600 World Languages

In order to satisfy the JDCHS World Language requirement for graduation, a student must successfully complete two different levels (year-long courses) of the same world language.

612 Spanish I

Students will begin their exploration of Spanish through speaking, reading, writing, listening, and the study of culture. Themes typically include greetings, numbers, time, dates, weather, school, family, sports, food, health, and travel, as well as culture of Latin American countries. Grammatical concepts may include nouns, adjectives, present tense of common regular verbs, present tense of common stem-changing verbs, present tense of common irregular verbs, preterite tense of common regular and irregular verbs. Activities may include dialogues, readings, questions, exercises, projects, tests, and oral presentations.

622 Spanish II

Prerequisite: Passing grade in Spanish I or equivalent high school program. Freshmen can enroll with a passing grade (75% minimum) on the qualifying exam.

Students will continue their exploration of Spanish through speaking, reading, writing, listening and the study of culture. Themes include sports and health, clothing and shopping, travel and vacation activities, food and cooking, legends and stories, family relationships and talking about the environment. Grammatical concepts may include reflexive verbs, the present tense, the past tense (preterite and imperfect), possessives, the future tense, progressive tenses, direct and indirect object pronouns, and comparisons. Activities may include dialogues, journal entries, audio activities, readings, questions, exercises, projects, tests, music, games, movies, cultural celebrations, and oral presentations.

622H Spanish II (Honors)

Prerequisite: Departmental approval. Freshmen can enroll with a passing grade (85% minimum) on the qualifying exam. An ability to work at a faster pace, as well as coursework and reading are typically required for this course. This course is designed for those students who are able to progress more rapidly.

Students will continue their exploration of Spanish through speaking, reading, writing, listening, and the study of culture. Themes include sports and health, clothing and shopping, travel and vacation activities, food and cooking, legends and stories, family relationships and talking about the environment. Grammatical concepts may include the present tense, reflexive verbs, the past tense (preterite and imperfect), the future, the pres-

ent perfect, progressive verb tenses, direct and indirect object pronouns, comparisons, the imperative, and the present subjunctive. Activities may include dialogues, readings, journal entries, audio activities, questions, exercises, projects, tests, games, music, dance, movies, food, oral presentations, and cultural celebrations.

624 Spanish for Native Speakers

Prerequisite: Personal interview with Sr. Galvez.

The Spanish for Native Speakers class is designed for students who speak Spanish as their first language and wish to improve their literacy skills in Spanish. The class will enable students to develop, maintain, and enhance proficiency in Spanish by providing them the opportunity to listen, speak, read, and write in a variety of contexts for a variety of audiences including the family, school, and the other Spanish speaking countries. The course will allow students to explore the nature of their own Spanish dialect as well as standard Spanish and the variations in culture and language throughout the Spanish speaking world.

This course will count as part of the 2 credit foreign language requirement for graduation. This class is strongly recommended for those students who speak the Spanish language at home.

632 Spanish III

Prerequisite: Qualifying exam for native speakers and students who wish to challenge this course. A minimum grade of 80% is required on the exam.

Students will continue their exploration of Spanish through speaking, reading, writing, listening and the study of culture. Previously acquired grammatical structures and terminology will be reviewed and reinforced. Readings on various topics (art, television, communication, violence control, voluntary work, etc) will comprise units designed to increase proficiency in the language, and provide a cultural insight. A major emphasis will be placed on speaking in Spanish. Activities may include: dialogues, readings, questions, exercises, projects, tests, and oral presentations.

642C Spanish IV (Concurrent) \$\$

Prerequisite: Completion of Spanish 3 and/or departmental approval.

This course offers the student an opportunity to continue developing their ability to speak, read and write in Spanish while earning college credit. Previously acquired terminology and grammatical concepts will be reinforced through exposure to literature, history, politics, film and music. Activities will include conversation and discussions in Spanish, authentic reading materials, projects, current events, and assessments. Each student that enrolls

in this class through UVU will earn 4 college credits. There is a \$35 admission fee to UVU, a \$5 participation fee and \$5 per credit hour fee (\$20). The concurrent enrollment option also requires parental permission to enroll at UVU.

642AP AP Spanish (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students will be required to purchase textbooks. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

Students will explore previously acquired terminology and grammatical concepts, while continuing their advancement in the intricacies of the language through exposure to literature, history, art, and music. Activities may include dialogues, readings, questions, exercises, projects, tests and oral presentations. Students will prepare for the AP Spanish language exam.

611 French I

This is a one-year course devoted to the introduction and study of the French language and culture. Students will learn basic conversational and listening skills in French, as well as be introduced to foundational grammar, build a basic vocabulary and gain familiarity with reading, writing and speaking in French. Upon completion of this course, students will be able to engage in basic conversations in French regarding introductions, dates, time, weather, eating, school, their families, simple biographical information and health; count easily from 0-100 using ordinal numbers and show proficiency in cardinal numbers 1 through 20; conjugate regular present tense verbs and most common present tense irregular verbs; be familiar with the use and conjugation of the near future tense and simple past tense verbs; and will begin developing critical thinking, reading and writing skills in French.

621 French II

Prerequisite: Passing grade in French I or equivalent high school program. Freshmen can enroll with a passing grade (75% minimum) on the qualifying exam.

Students will continue their exploration of French through speaking, reading, writing, listening, and the study of culture. Themes typically include religion, friends, family, leisure activities, celebrations, food and cooking, school, technology, daily routine, childhood activities, country life, camping, nature, and health, as well as Francophone cultures around the world. Grammatical concepts may include revision of grammatical structures, use of object pronouns, negations, compari-

sons, superlative, reflexive and non-reflexive verbs in various tenses including the present, present perfect, imperfect, future, conditional and subjunctive tenses. Activities may include dialogues, readings, questions, exercises, projects, tests and oral presentations. Students must bring to class their own electronic device that supports Flash in order to access the online French course Bien dit!. It is required that many homework assignments be submitted online. Therefore, reliable internet access at home is imperative.

631 French III

This is a one-year course that will prepare students for AP French Language and Culture. It will use an AP College Board approved text and syllabus and follow a rigorous course of instruction devoted to the review and continued in-depth study of the French language and culture. Students will continue to learn and practice more complex conversational and listening skills in French, as well as review and practice more advanced grammar, build a larger French vocabulary and practice and reinforce their skills in reading, writing and speaking French. Upon completion of this course, students will be able to: understand and engage in more complex conversations in French regarding traveling, French books and magazines, French customs, culture in various French-speaking countries and French history; be familiar with the use and conjugation of the future tense verbs; review conjugation of regular and irregular present/past tense verbs; be familiar with the use and conjugation of subjunctive, conditional, and literary tenses of regular and irregular verbs; be comfortable using more questions and idiomatic expressions; and practice using critical thinking, reading and writing skills in French.

641 French IV

Prerequisite: Departmental approval

Students will reinforce and explore previously acquired terminology and grammatical concepts, while continuing their advancement in the intricacies of the language, through exposure to literature, history, art and music. Activities may include dialogues, readings, questions, exercises, projects, tests and oral presentations.

643AP AP French Language and Culture (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This one year course will emphasize the three modes of communication (Interpersonal, Interpretive, and Presentational) defined in the Standards for Foreign Language Learning in the 21st Century. This course will provide students with opportunities to demonstrate

their proficiency in each of the three modes in the Intermediate to Pre-Advanced range as described in the ACTFL Performance Guidelines for K-12 Learners. The AP French Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students should learn language structures in context and use them to convey meaning. This course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.



Academy of Fine Arts

Juan Diego students may obtain a special Academy of Fine Arts designation on their student transcripts. The Academy of Fine Arts provides four areas of focus: Music, Visual Art, Dance, and Theatre. Each student will be assigned a mentor, based on their area of focus, to guide them through the process of completion. Students may enter the Academy of Fine Arts in either their freshman or sophomore year, and complete the following requirements to receive the Academy of Fine Arts designation:

- **Coursework:** Students will complete one of three Fine Arts AP Courses (AP Music Theory, AP Art History, AP Studio Art) and 2 or more years of advanced fine arts classes or ensembles to be selected from the following: Advanced Art, Advanced Ceramics, Sculpture, Advanced Dance, Dance Company, Advanced Theatre, Wind Symphony, Advanced Percussion, Orchestra, and Concert Choir. Students will also complete courses of study for each specific area of focus.
- **Extracurricular Participation:** Students will complete the equivalent of three years of active participation in Fine Arts extracurricular activities. These activities may include theatre productions, art shows, dance concerts, and musical performances.
- **Participation in an accredited Fine Arts Festival:** Students will qualify for and participate in one or more of the following as directed by the department mentor: Region/State solo and ensemble, All-state Band/Orchestra/Choir, Region/State Theatre, Utah Shakespeare Competition, University Dance Workshop, All-state Art Show.
- **Service:** As a part of their required JDCHS service hours, the student will perform service related to the arts including but not limited to: tutoring, solo performance, and volunteer work within the community. All service work must be approved by the department mentor.
- **Academy of Fine Arts Final Project:** Students will prepare and create a cumulative final project in coordination with their department mentor. As outlined by their mentor the project could include one of the following: solo music recital, dance recital/choreography, character thesis role, theatre technical design, student-directed one-act, or art show. Each final project will be supported by in-depth research to be presented to a committee.

Students wishing to receive Academy of Fine Arts designation on their transcripts must obtain faculty signatures for all of the above requirements by the end of the fall semester of their senior year.

700 Physical Education

The following courses fulfill one semester of the physical education requirement. All students are required to take one semester of Health. All students must complete one and a half years of physical education.

Some courses in this discipline may be a "blended" course that combines online activities, provided by our Moodle virtual classroom servers and weekly teacher directed classroom instruction. Blended online course offerings are taught in conjunction with the State Online Program and the Canyons School District. There are no fees for this course.

Freshmen

721 Physical Education (Co-Ed)

(Semester course, only offered as a summer online course)

This course focuses on the fundamental components and principles of fitness. The course examines safety guidelines, proper technique, and exercise principles such as the FITT. Students will assess their current level of fitness in relation to the five components of physical fitness: flexibility, cardiovascular health, muscular strength, muscular endurance, and body composition. Students will also learn strategies to help them begin, design, and maintain an exercise program to keep them fit for life.

733 Health

(Semester course, required course for all freshmen)

This course is designed to develop intelligent, self-directed behaviors that lead to good personal health through the study of physical, mental, social, spiritual and emotional aspects of health. Students will learn healthy attitudes and behaviors, esteem, communication, preventative measures in disease, body systems, substance abuse, exercise and nutrition.

Physical Education Electives

The following courses may be taken for either a semester or a full year.

731 Lifetime Sports & Fitness (Co-ed)

This physical education course is designed to introduce the students to the four fundamental concepts of physical fitness: muscular strength, muscular endurance, flexibility, and cardiovascular fitness. Students will be introduced to lifetime sports and the rules associated with those sports. Students will benefit from lifetime fitness by learning about the importance of leading a fit life.

771 Weight Training I/II (Coed)

This is a beginning course for students who want to be involved in a strength-training program. Students will be taught the fundamentals of how to lift weights, as well as proper techniques that are used in each lift with a focus on our core lifts. This class is a prerequisite for any student wanting to advance into Weight Training III/IV.

772 Weight Training III/IV (Coed)

Prerequisites: Must be approved by Mr. Gee. This course is a continuation of the strength programs offered in previous courses.

The emphasis will be on increased muscular strength and endurance while preparing the athlete for athletic competition. Students who have at least one year of experience in the entry-level program or have departmental approval will be welcome in this class. This program is geared toward the student-athlete who wants to improve strength through a higher level of intensity.



773 Girls Fitness and Strength Training

This course builds upon the strength programs offered previously. The emphasis is on increased muscular strength and endurance, preparing the athlete for competition. This program is geared toward the student-athlete who wants to improve strength through a higher level of intensity.

7752 Advanced Weights

Prerequisite: Must have taken at least Weights I/II and instructor approval.

This course is a continuation of the strength programs offered in previous courses. The emphasis will be on increased muscular strength and endurance for serious competitors. Students who have at least one year of experience in the entry-level program or have departmental approval will be welcome in this class. This program is geared toward the serious student-athlete who wants to improve strength through a higher level of intensity.

Sports Participation Credit Statement

In accordance with the Utah State Secondary School Core Curriculum, students may be granted a one-time maximum 0.5 PE credit for "Individualized Lifetime Activity" in lieu of a semester of PE. Students who participate in 2 full seasons of one or more sports may receive a 0.5 credit. Approval must be obtained from the Athletic Director.



For a listing of all Soaring Eagle sports and coaches please visit

www.jdchs.org



800 Fine Arts

All students must complete one year of fine arts.

Music

8500 Wind Symphony

(Open to all students, with instructor approval)

The band performs at concerts, festivals, school events, and public performances which could occur after school hours. Students learn to play in group settings and develop skills for blending, creativity, and balance while performing a variety of musical styles.

8511 Marching Band \$\$

FALL SEMESTER This course is designed to give students the opportunity to participate in a corps style marching band. The marching band consists of the following sections: Drum Majors, Horn Line, Drum-line, Front Ensemble, and Color Guard. The marching band is a fun, exciting, high-profile, competitive group with an extensive rehearsal and performance schedule. We perform at all home football games, parades, and a few competitions. This class is open to all students grade 9-12, pending audition or instructor approval. Rehearsals and competitions will take place outside of the school day. This is a 0 (PM) hour course. Juniors and Seniors may earn .5 PE credits by participating in two full semesters.

853 Jazz Band

(Open to all students with Director approval and audition)

This is an advanced music ensemble open to auditioned students on rhythm section (piano, bass, percussion and guitar) and wind (woodwind and brass) instruments. Students will study various jazz forms such as swing, Latin and rock. This ensemble requires musicians to already have an intermediate degree of proficiency in reading rhythms, producing good tone and maintaining fundamental musicianship. Students will perform outside of school hours at concerts, jazz festivals and other community events throughout the year. All woodwind and brass players must be concurrently enrolled in the Wind Symphony while rhythm section players must be enrolled in the Percussion Class. The ensemble meets in the morning during 0 period at 7:00 a.m.

856 Beginning/Inter. Percussion

(Open to all students, with instructor approval)

FULL YEAR This course serves as a prerequisite to the advanced percussion ensemble but it is also available to any students who are interested in learning percussion for the first time. The purpose is to provide students with a well rounded view of percussion as both performers and as an audience. It is

a performing ensemble that participates in concerts and festivals throughout the year and focuses on all areas of concert and world percussion. This is a year long course.



857 Beginning Acoustic Guitar

This one year course is designed for students with no previous guitar experience. A brief history of the guitar along with a study of its respective musical styles/genres including classical, blues, jazz, rock, and pop music will be covered. Areas of concentration include: correct posture, note reading, aural skills, flat-picking, self-accompanied singing, rhythmic patterns, chord study, and finger-picking styles.

8570 Advanced Percussion

Prerequisite: Director approval

The Advanced Percussion Ensemble is the premier percussion group at Juan Diego Catholic High School and focuses on performing world and concert percussion music at a high level of proficiency. Emphasis is placed on reading and performing all types of literature and all instruments and styles of percussion. This group performs and competes in region and state festivals as a percussion ensemble as well as a part of the concert band.

8591 Music Appreciation

(Semester course, open to all students)

This one-semester course is for the student who does not necessarily read music or play an instrument, but would like to learn more about the music they listen to and about music they have never heard before. Emphasis is on learning to listen to music and the role music plays in history and culture. How music is made, its development, and technology and music will also be covered using several hands-on activities.

8611 Songwriting I

FALL SEMESTER Completion of this course makes one eligible for Songwriting II. Songwriting I is a non-performance music class that requires no prior knowledge concerning anything musical. Our goal is to understand the basics of how the musical side of songs are composed. By the end of this class, students will be able to write a simple and original full-length song.

8612 Songwriting II

SPRING SEMESTER *Prerequisite: Songwriting I and departmental approval*

Completion of this course makes one eligible for study in AP Music Theory. Songwriting II focuses on longer and more complex song forms. Focuses include dictation, chord analysis, and composition. By course end, students will be able to finish musical phrases, arrange

four part harmony, and dictate moderately-easy full length songs.

8600 String Orchestra

(Open to all students, with instructor approval)

During the school year, students will study and perform a variety of musical styles ranging from Baroque Chamber Music to Celtic jigs. Students will learn how to create music both as an ensemble and as a soloist. These skills will be implemented at the Large Orchestra Festival and the Solo & Ensemble Festival which takes place during the second semester. The orchestra is a contributor to the Juan Diego community and will perform for school and community related events both during the day, and in the evening.

862 Concert Choir

Concert Choir is a non-auditioned ensemble that prides itself in a variety of styles: Classical choral literature, modern day Pop tunes, gospel, and worldly folk tunes. This ensemble performs regularly in public, often occurring after school hours, and frequently at school liturgies. Students will learn how to sing harmony by developing their aural skills. They will also practice performance skills including tone production, note and rhythm reading, intonation, harmonic movement, music history, sound balance, and presentation.

858-AP AP Music Theory (Advanced Placement) \$\$

Prerequisite: Departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

AP Music Theory is designed to prepare students for passing the Advanced Placement Music test. Emphasis is placed on integrating course work with ensemble classes to help students better understand and appreciate the music they learn. Coursework will emphasize, but is not limited to, written music theory, listening skills, music dictation, sight singing, and music history. Students will also compose short pieces of music as well as analyze the music of great composers.

8670 Steel Band

FULL YEAR *(Open to all students with instructor approval)*

The JDCHS Steel Band is a performing ensemble that focuses on creating, serving, and working together to uplift both our audiences and each other. Students learn to play one of the several different steel drums for the year. The music learned ranges from traditional Calypso and Soca music to Reggae, Rock, and even Classical. This group participates in concerts throughout the year as well as community events. Every February, Juan Diego

also hosts the Utah State Steel Drum Festival, at which the group plays a central role. While no steel drum experience is necessary, some musical experience is preferred. The ensemble meets in the morning during 0 period at 7:00 a.m., every other day.

Dance

Dance classes may fulfill a PE or Fine Arts Requirements, but not both.

871 Beginning Dance

(Semester or full year course, open to all students)

Welcome to the world of movement and creative expression. This course is for students who have had none to very little dance experience. The goal of this course is to provide students with fundamental instruction in dance technique, composition, and criticism. In order to accomplish this, different forms of dance will be studied. Students will learn the basic technique for ballet, jazz, hip hop, and modern dance. Students will develop their creative abilities through improvisation, choreography, and small and large group compositional studies. Beginning dancers will perform in the Spring Dance Department Concert in April.

872 Intermediate Dance

FULL YEAR *(Open to all students)*
Prerequisite: Departmental approval

This course provides further instruction in dance technique, composition, and criticism at an intermediate level. Previous dance experience is required for this course. Students will continue learning ballet, jazz, hip hop, and modern dance technique. Students will increase their knowledge of body alignment, spinal articulation, and choreographic skills. Students will develop their creative abilities through improvisation, choreography, and small and large group compositional studies. Intermediate dancers will perform in the Spring Dance Department Concert in April.

876 Advanced Dance

FULL YEAR *(Open to all students)*
Prerequisite: Departmental approval

This course is designed to refine the dancers movement and performance technique to its ultimate level. Several years of previous dance experience is required for this course. Students will increase their knowledge in ballet, jazz, hip hop, and modern dance technique. Students will be challenged to master increasingly complex material that builds understanding and facility with rhythmic phrasing, qualitative expression, spatial clarity, and body connectivity. Students will work in small and large groups to develop their choreographic skills. Intermediate dancers will perform in the Spring Dance Department Concert in April.

873 Ballroom Dance

(Semester or full year course, open to all students)

This course is open to young men and women who would like to experience dance on a more casual level and improve physical coordination. Students will learn various Ballroom and Latin partner dances such as the swing, waltz, samba, foxtrot, tango, and cha cha cha. No previous dance experience is required. This fun, energetic, and unique course is a wonderful way to meet fellow students in a relaxed environment. Students enrolled in the Fall semester will have a performance opportunity at the end of the semester. Students enrolled in the Spring semester will perform in the Spring Dance Department Concert in April.

874 Dance Company

FALL SEMESTER *(Open to all students)*
Prerequisite: Formal audition in the previous spring

Dance Company is Juan Diego's fine arts performing dance group. Dance Company members need to be proficient in jazz, ballet, contemporary, hip hop, and modern dance. Students dancing ability must be at the highest level because of the complex material that is developed in class. Dance Company students are required to choreograph numerous pieces, perform at school activities, attend outside rehearsals, and participate in a community project. Company members are also required to attend a three day summer dance camp. The aspects of performance quality, choreography, and creative expression are continually stressed in this class. Dance Company performs in the Dance Company Concert in late April.

Theater Arts

886 Technical Theater

(Semester or full year course, open to all students)

Prerequisite: Departmental approval.

This course provides students with hands-on practical backstage experience of the complex workings of a theatre production. Basic learning of the essentials of theatre: sound, lighting, stage managing, and scenery construction. Students must be willing to work after school and some weekends depending on the production schedule.

8861 Advanced Technical Theatre

Prerequisite: Technical Theatre and instructor approval

This course is a continuation of Juan Diego's Technical Theatre course. It is for students who have had prior technical theatre training. Students in this course will make up Juan Diego's Stage Crew. This group will be responsible for the running of all stage activities in the auditorium and Little Theatre. At times an after school time commitment is required. Course may be repeated.

887 Beginning Drama

(Semester or full year course)

This course will help the student develop an appreciation and broad understanding for the theatre and the art of acting. Students will learn basic acting skills through class participation in monologue work, scene work, and improvisations. Students will learn basic theatre terms and history. Students learn respect for fellow students in the development of their creative potential. Some written assignments and theatre attendance required.



Interested in the Academy of Fine Arts?
Learn more about the requirements on page 14

8883 Advanced Drama*(Semester or full year course)**Prerequisite: Departmental approval*

This course builds upon the skills and techniques developed in beginning drama through focused approaches to character creation and acting styles across diverse theatrical forms. Students learn to enhance actor's skills such as: concentration, focus, observation, relaxation, ensemble work, and physical and vocal awareness. Students may participate in region and state competitions. Some written assignments and theatre attendance required. Students must be willing to work after school and some weekends depending on the production schedule.

Visual Arts**8910 Art Foundations I \$\$***(Full year or semester course) No prior art experience necessary, \$20 fee per semester*

In this course visual art is introduced to include basic concepts of drawing and illustration. This is a practical introduction to drawing that is basic to most art courses. Techniques will be concerned with primary drawing media from pencils through pastels. This course emphasizes practical use of value, form, line, and texture. Much of the work produced will be based on traditional Catholic art, still life and the human body - including the art found on the Skaggs Catholic Center Campus. Students should expect homework assignments, quizzes, final term papers, and exams.

892 Ceramics \$\$*(Full year or semester course)**No prior art experience necessary, \$25 fee per semester.*

This course is an introduction to ceramics that will explore the creation of 3D forms and pottery from clay. Projects will emphasize critical thinking and introduce students to the elements and principles of art as they relate to three dimensional design concepts. This course will develop art related technology skill, art criticism, art history, and aesthetics. Course will focus on ceramics as form of expression that can be both functional and sculptural.

894 Intermediate Ceramics \$\$*Prerequisites: 892 Ceramics and departmental approval, \$30 fee per year plus the cost of clay.*

This course is a continuation of wheel thrown pottery with a greater emphasis on studio production, and skill set. Projects will emphasize combining wheel thrown methods and hand building technique to create truly spectacular works of art. Students will also explore mixed media, slip casting, mold making, and glaze experimentation. Students will also be encouraged to produce, market, and sell their works of art to raise money for charity. This course may also include studio production, art history, and guest artist currently working in the field of ceramics.

8950 Art Foundations II \$\$*Prerequisite: Art Foundation I or departmental approval, \$25 fee per semester. Students will provide their own materials.*

FULL YEAR

This course is meant for students with a demonstrated commitment to the field of art. Observational drawing skills are the starting point toward more studio art techniques, including painting and printmaking. Painting includes both acrylics and watercolor. Printmaking includes silkscreening, mono-print and block relief printing.

**8955 Painting \$\$***(Open to all students)*

Painting is a visual art course where students will explore and experience a variety of painting techniques, media, and historical approaches to art. Painting is a problem-solving course dealing with form, color, line, and texture (figurative and abstract). Through the use of the world outside the classroom, models, drawings, photographs, and imagination, students interpret and express the painter's world in a variety of materials including acrylic and tempera paint, watercolor, ink, paper and canvas, as well as a variety of experimental media. This course will provide a foundation in visual arts concepts with an emphasis on cultivation of creativity and the art-making process and self-discovery; developing the student's individual and unique artistic voice; and the elements of art and principles of design. This course provides an introduction to mural painting. Topics that will be discussed include: dealing with the public and clients, the concept of durability versus mural art as a temporary commodity, and the implications of a large image in a public place.

896 Advanced Ceramics \$\$*Prerequisites: Intermediate Ceramics and departmental approval, \$30 fee per semester plus cost of clay.*

This course includes the use of mixed media with intense emphasis on sculptural work, and experimentation with glazing. We will also explore carving, casting, mold making and foundry study.

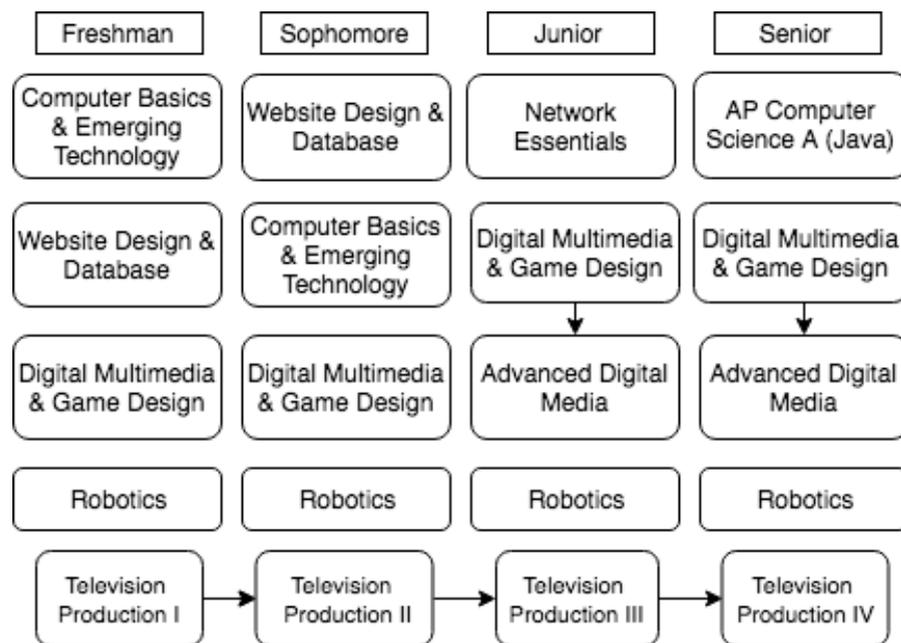
**897 Advanced Art \$\$***Prerequisites: Art Foundations II and departmental approval, \$25 fee per semester. Students will provide their own materials.*

This course explores advanced techniques in painting and drawing. Drawing media explored; color, ink, wood cut. Painting media include watercolor, acrylics, and oil painting.

898AP AP Studio Art: 2-D Design (Advanced Placement) \$\$*Prerequisites: Art Foundations II and approval of the teacher. An art supply fee of \$25 per semester is required. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.*

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios—2-D Design, 3-D Design (not currently offered at JDCHS), and Drawing (not currently offered at JDCHS)—corresponding to the most common college foundation courses. This portfolio is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. For this portfolio, students are asked to demonstrate mastery of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking. Video clips, DVDs, CDs, and three-dimensional works may not be submitted.

900 Technology & TV Production



All students are required to complete a semester of Computer Science. Students may take any of the higher level courses to complete this requirement.

Technology

9492 Digital Media and Video Game Design

(Semester course, open to all students)

This course covers topics that utilize contemporary methods for digitally designing multimedia, video games and simulations. Students will learn how to research, conceptualize and create multimedia design and prepare it for various end products including print, web and video game production. Various design software such as Photoshop, Illustrator, InDesign and GameSalad will be utilized. Students will have the opportunity to apply and demonstrate proficiency in concepts learned in class by engaging in projects and activities assigned to give them experience in using various forms of media with emphasis on the design and creation of video games and simulations.

9495 Advanced Digital Multimedia

FULL YEAR Prerequisite: Digital Media and Video Game Design or departmental approval

This course is designed to allow students to develop proficiency in the areas of 2D and 3D computer graphics, animation, digital video game production and digital audio creation. This course also deals with visual and conceptual skills needed to produce effective images, and to develop effective presentation skills. Content will include the creation of 2D animations using Photoshop and Illustrator software, custom audio tracks using GarageBand and digital editing using iMovie editing software. The course will also introduce 3D

modeling using Maya and After Effects software. Students will create a comprehensive professional level digital portfolio.

9510 Computer Basics and Emerging Technologies

(Open to all students)

FULL YEAR

This course is an introduction to the history, development, and future applications of digital computers. Students create multimedia presentations, work with a variety of commercial applications, design web pages, create graphical computer programs, gain Internet research skills, and acquire conceptual understanding of computer hardware and Internet architecture.

952 Computer Website Design

(Open to all students)

SPRING SEMESTER

This intermediate course details the fundamentals of web design, photo manipulation and image compression techniques. Students will learn to hand tag using Hypertext Markup Language prior to the use of Dreamweaver editing software. Students design and prepare multiple section websites incorporating image maps, cascading style sheets and JavaScript. Students will produce websites containing textual, graphic, audio and video components. Students will prepare website based reports and presentations.

9530 Network Essentials

FALL SEMESTER (Open to Juniors and Seniors) Prerequisite: Computer Basics and Emerging Technologies, OR Website Design, OR Advanced Digital Media and Video Game Design or departmental approval. The course investigates the models that are appropriate for various educational and business environments. Topics covered will include: network, network operating systems,

network topologies, network cabling, server based networks, client server networks, routers, and both standard and POE switches. Network operating systems will be evaluated in relation to the software and peripherals that transfer information from one computer to another. Emphasis will be placed on both the TCP/IP models as well as multiple protocols for subnetting larger networks.

9623 Robotics

SPRING SEMESTER (Open to all students. This is a 0 hour after school course) Prerequisite: Computer Basics or departmental approval.

This course uses a lab-based approach to introduce basic robotics concepts. The class will work as a team to design fabricate and test-drive a one-of-a-kind fully functional robot which will be entered into the annual Utah Regional FIRST Robotics Competition held each March at the Maverick Center. This competition is comprised of over 40 robotics teams with about two-thirds of the teams from Utah high school and one-third of the teams from various western states high schools. This course provided opportunity to participate in one of the most prestigious STEM Technology competitions held in the United States.

9610AP AP Computer Science A (Advanced Placement) \$\$

(Open to Juniors and Seniors) Prerequisite: Network Essentials or departmental approval. Students and parents are required to sign an expectation contract. There is a fee for the required end-of-year AP exam. College credit may be earned with an appropriate score on the exam.

This Java-based course covers the fundamentals of computer science taught in the first-semester introductory college course. Students will learn to design, write, analyze, and document programs and subprograms. The mandatory AP Exam in May will emphasize programming in Java, programming methodology (including recursion), and procedural abstraction. It also includes algorithms, data structures, and data abstraction.

Photography

8994 Digital Photography \$\$

(Semester course, open to all students)

Students will learn and explore the theory, practice, and aesthetics of shooting and printing digital photographic materials. Using digital media and new technology as a means for creative expression and investigation in photography will also be a main concern in this course. This course covers the fundamentals of digital photography and photo editing. Students will learn how to take better, more creative photographs regardless of the equipment available to them.

Television

962 Television Production I 9630 Television Production II 9631 Television Production III 9632 Television Production IV

*Open to all students, Computer Science credit
Prerequisite: Intro to Journalism and instructor approval*

Television Production is responsible for producing content for Speaking Eagle TV (vimeo.com/speakingeagletv), Juan Diego's student broadcast publication. The publication will be broadcast to the student body on a regular basis, and also on the internet for wider display. The aims of Speaking Eagle TV are both sound journalism and entertainment. In the class, students will film, interview, edit, and revise content to produce content worthy of sharing with the entire student body. Students will work extensively with high quality sound and video recording equipment, as well as Final Cut Pro X and Vimeo to produce and publish clips. The class will enter publications in local and national competitions as well.

Senior Electives

1150 Learning Center

(Learning Center is a Junior and Senior only elective)

It is designed to give academically motivated juniors and seniors the opportunity to begin assigned homework, research information for projects or assignments, make up missed

tests or quizzes and otherwise continue their academic progress toward graduation. Students must have counselor approval to take this elective. It will be scheduled into the student's open period and is graded pass/fail. Students cannot have both a TA period and a Learning Center period.

0221 College Success Prep

(This is a SENIOR ONLY elective)

This course is designed to provide senior students an opportunity to learn practical academic and life skills that will prepare them for college and life as an adult. Upon successful completion of this course, students will be able to: Demonstrate knowledge, skills, and strategies related to studying, organizational skills, and stress management. Demonstrate the ability to find academic, mental and emotional health resources on college campuses. Understand how to work through conflict with peers, supervisors, and professors. Apply principles for financial success. Show proficiency in how to communicate by telephone and email. Demonstrate an ability to create personal standards and principles that enhance character development.

0222 Teacher Aide (TA)

(SENIOR ONLY elective)

Students taking TA will assist a teacher with tasks and errands. This is NOT a "free" or "study" period. Seniors should expect to work during this period. Teacher approval and signature is required prior to registering for this class. TA's are scheduled during the student's remaining open period and will be expected

to align schedules with the teacher at the beginning of the new semester. TA's may be assigned to another teacher depending on teacher needs. Only one TA period per semester is allowed. Students will need to choose between TA and Learning Center - both may not be scheduled in the same semester for an individual student.

0223 Teacher Intern (TI)

*(Full year or semester course, SENIOR ONLY)
Prerequisite: REQUIRED applications may be obtained in the Spring of the student's Junior year.
Limited in placement.*

Senior students must have a specific interest in pursuing education in college and a career in teaching. Teacher Intern provides a senior student with the opportunity to observe elementary, middle or high school classroom instruction and the opportunity to assist an experienced teacher. Interns must have prior approval from both the JDCHS and SJB Administrations. Applications are NOT accepted during the senior year.

0224 Student Government

0229 SBO Government

(SENIOR ONLY elective)

Elected members of the Student Government do more than just represent the student body to faculty and administration. This class is responsible for shaping much of the student experience at Juan Diego Catholic High School. This highly active and visible organization serves the entire student body by sponsoring and organizing activities that range from service projects, to semi-formal and formal dances. Student Government works closely with other student clubs and the administrators in support of a number of school spirit activities and resources.

0226 Retail Intern - Saint Paul's Place Store Retail Intern

(SENIOR ONLY elective)

Juan Diego Catholic High School retail interns learn retail management and marketing through the support of Saint Paul's Place managerial team. Senior high school student interns will service customers, experience buying, purchasing, inventory management and marketing. Interns learn and complete visual merchandising and display projects. Assignments throughout the year include creating marketing strategies, tracking its progress and reporting results. JDCHS senior students apply by application and interview process. Employment and volunteer opportunities may be available throughout the school year.

2019-20 Calendar Overview

Monday	August 19	First Day of School
Monday	September 2	Labor Day - No School
Wednesday	September 18	First Quarter Mid Term
Wednesday	October 16	PSAT Test Day
Thursday	October 17	Last Day of First Quarter
Friday	October 18	Fall Break - No School
Friday	November 8	Professional Educators Day - No School
Wednesday	November 20	Second Quarter Mid Term
Thurs, Fri	November 28, 29	Thanksgiving Holiday - No School
Wednesday	December 11	Saint Juan Diego Feast Day
Friday	December 20	Last School Day of First Semester
Mon-Fri	Dec 23 - Jan 3	Christmas Break
Monday	January 6	First Day of Second Semester
Monday	January 20	Martin Luther King Day - No School
Wednesday	February 5	Third Quarter Mid Term
Monday	February 17	Presidents' Day - No School
Wednesday	February 26	Ash Wednesday
Thursday	March 12	Last Day of Third Quarter
Friday	March 13	Professional Educators Day - No School
Monday	March 16	First Day of Fourth Quarter
Friday-Friday	April 10 - 17	Easter Break - No School
Monday	April 20	School Resumes after Easter Break
Wednesday	April 29	Fourth Quarter Mid Term
Tuesday	May 19	Baccalaureate Mass, Cathedral of the Madeleine
Saturday	May 23	Commencement, JDCHS
Friday	May 29	Last Day of School