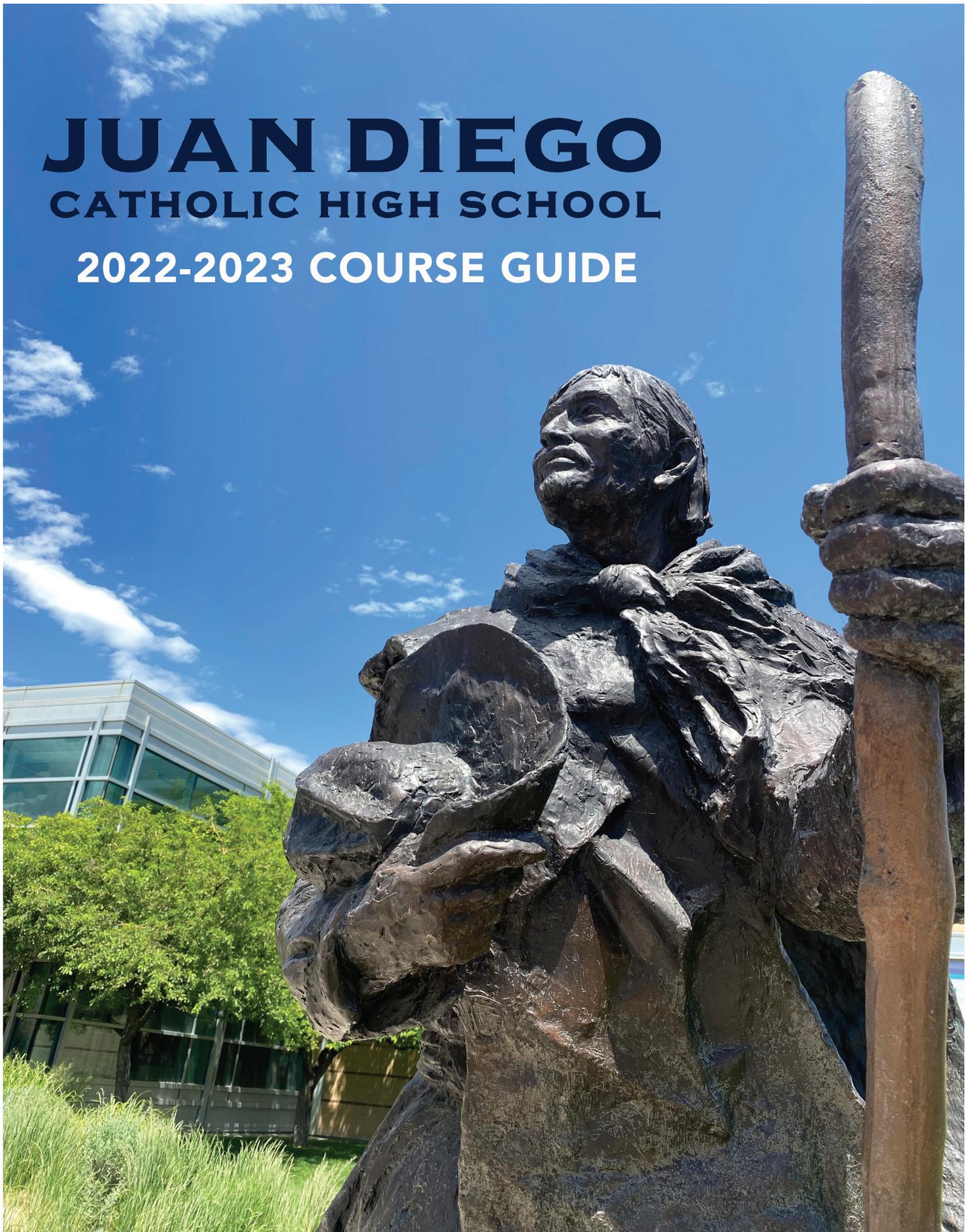


JUAN DIEGO

CATHOLIC HIGH SCHOOL

2022-2023 COURSE GUIDE



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NATIONAL BLUE RIBBON SCHOOL OF EXCELLENCE

COURSE REQUIREMENTS & DISCLOSURES

AP COURSE REQUIREMENTS \$\$

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.

2021-2022 AP Exam Fees:

(2022-23 fees are not yet available)

AP Research or AP Seminar \$149 per exam
All other AP Exams \$99 per exam

CONCURRENT COURSES

Juan Diego offers concurrent or dual enrollment options through Utah Valley University. This concurrent track offers students potential college credits that transfer to colleges and universities in Utah and many out-of-state schools. College credit is offered to students, so long as they meet certain grade or test thresholds required by the university. Credit hours offered vary by course. Students are responsible for college enrollment/courses fees and the purchase of textbooks. A UVU application fee, good for two years, and a Utah state fee must be paid online with a credit card during the first two weeks of the course. A course tuition fee of \$25 per UVU credit hour (2021-22 rate) is paid directly to Juan Diego. College transcripts will be available from Utah Valley University for those who complete the course with a grade of C or higher and have paid the three fees in full. Students must complete the college registration process and pay fees within JD mandated deadlines or students will be removed from the course. Parental permission may be required to enroll in the colleges.

Juan Diego also will be offering concurrent courses through Arizona State University. This concurrent track offers students potential college credit that will transfer to most accredited universities. Credit hours offered vary by course. The amount to participate through ASU's Universal Learner Coursework consists of a \$25* registration fee as well as a \$400* credit conversion fee (*estimated amount), students can opt to just take the course and not pay for the credit conversion. Each student who passes the course has up to one calendar year to complete the credit conversion payment. These ASU courses will be taught collaboratively by the college professor as well as our Juan Diego designated teacher.

ONLINE BLENDED LEARNING COURSES

Courses offered at Juan Diego are "blended" online course that are taught in conjunction with Arizona State University, ASUPrepDigital and the Utah State Board of Education.

Juan Diego provides the "in-class" portion of the content and the teacher for the class itself.

THEOLOGY	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	

Credits earned prior to high school will not be counted towards graduation requirements.
*Beginning with the Class of 2025 3 semesters will be required.

In many ways, these blended-learning online classes look and feel like other classes offered at Juan Diego. The key difference in this approach is that students have 24-hour virtual access to the learning materials (handouts, interactive presentations, quizzes, test-preps, etc.) with faculty present (in the classroom and online) to develop, guide, and provide a digital dialog with students as they progress through the semester. There are no additional online fees for these courses.



ASU CONCURRENT COURSES

2331C College Algebra and Trigonometry (Conc)

2339C College Math Preview (Conc)

2410 PreCalculus (Conc)

242AP AP Calculus AB (Advanced Placement)

2450AP AP Calculus BC (Advanced Placement)

3651C Astronomy (Conc)

451C Introduction to College Writing (Conc)

4532C Poetry in America (Conc)



UVU CONCURRENT COURSES

541C United States Government (Conc)

542C Economics (Conc)

642C Spanish IV (Conc)

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. Courses designated as “Capstone Core” are an integral part of the AP Capstone experience at Juan Diego. Courses designated as “Capstone Suggested” prepare students for the rigors of the Juan Diego AP Capstone program.

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 skills necessary to be successful in AP Research.

AP CAPSTONE COURSES

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

Initial course in the AP Capstone diploma program. Prerequisite: Application process. 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 through an application process based on PreACT test scores, teacher recommendations, and fully submitted application. Students must be concurrently enrolled in AP World History. This demanding course requires students to complete long-term projects and meet multiple deadlines.

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

Prerequisite: AP Seminar and departmental approval

AP Research is the second component in the AP Capstone sequence. To enroll, students must have completed AP Seminar. In AP Research students build on the reading, research and writing skills developed in AP Seminar, to develop an original line of inquiry on a topic of their choice. Students learn to formulate research questions, design a study to answer those research questions, and then carry out their study design. Critical thinking, problem-solving, and independent learning are exercised throughout the class. The course culminates with a 5,000-word individual research paper, and a 15-20 minute presentation and oral defense of the students' work.

5320AP AP World History Modern (Capstone Core)

(Advanced Placement) \$\$

Course description located in Social Studies

1333 / 1334 Capstone Theology I/II (Capstone Core)

Course description located in Theology

571AP AP Art History

(Capstone Suggested)

(Advanced Placement) \$\$

Course description located in Social Studies

4150H Global Literature (Honors)

(Capstone Suggested)

Freshman students only

Course description located in English

2350AP AP Statistics

242AP AP Calculus AB

2450AP AP Calculus BC

333AP AP Biology

332AP AP Chemistry

3550AP AP Environmental Science

3411AP AP Physics 1

3420AP AP Physics C

3421AP AP Physics 2

3720AP AP Seminar

3730AP AP Research

4430AP AP English Language and Composition

441AP AP English Literature

571AP AP Art History

522AP AP European History

531AP AP US History

5320AP AP World History Modern

543AP AP Gov/Politics: US

545AP AP Comparative Government and Politics

583AP AP Psychology

642AP AP Spanish

643AP AP French Language and Culture

858AP AP Music Theory

899AP AP Art and Design

9610AP AP Computer Science A

9611AP AP Computer Science Principles

100 THEOLOGY

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

Freshman

1131 / 1132 Freshman Theology I / II: The Revelation of Jesus Christ in Scripture

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 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.

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. Students will examine and discuss ethical theories from antiquity to the Christian era, learning how to analyze modern social concerns through the Catholic perspective relying on the Catechism of the Catholic Church and sacred scripture.

1333 / 1334 Capstone Theology I / II: The Philosophy of Religion (Capstone Core)

Prerequisite: Approval of both Theology and AP Capstone Department Heads

What makes an object an object? What is the fundamental nature of the universe? How can we eat Jesus Christ, and what does that say about God? Does evil actually exist, or is it the absence of good? In Capstone Theology students explore some of the biggest questions of existence from the Bishop's curricular framework of Sacraments and Ethics. Students will examine and discuss ethical theories from antiquity to the Christian era, learning how to analyze modern social concerns through the Catholic perspective relying on the Catechism of the Catholic Church and sacred scripture. Juniors will build on their backgrounds in art, history, and argumentation they have developed through the AP Capstone program.

Senior

1421 Catholic Social Teaching

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 Dialogue

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.

1462 Peer Ministry

Full Year Course

Application, recommendations, and interview processes 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.

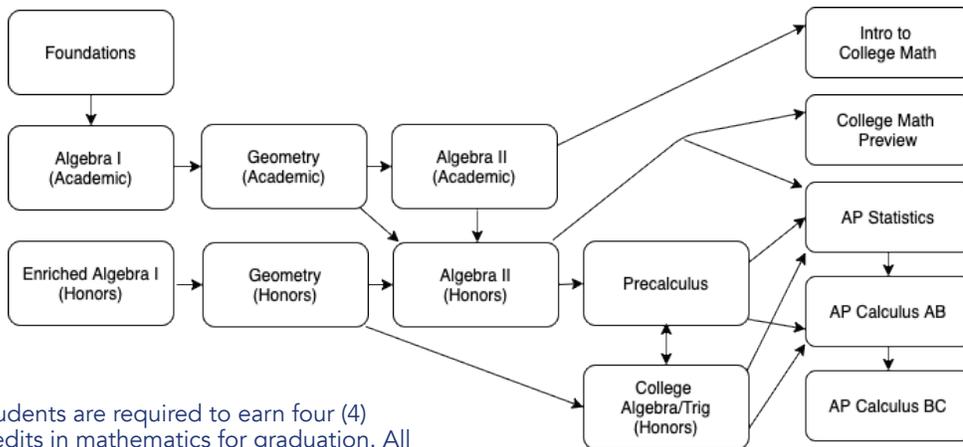
1465 Social Justice Leadership

Full Year Course

Application, recommendations, and interview processes are required.

Students will learn the principles of Catholic Social Teaching and their applications to contemporary justice issues including inequality, discrimination, human rights, poverty, creation, etc. As a component of Campus Life, this course takes time to build relationships and awareness within our school community and our world. This course seeks to engage students and the greater community on all levels of communication including discussion, activities, simulations, and student driven learning.

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. 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.

4133 Learning 360

Co-requisite: Enrollment in Foundations HS Math

Learning 360 is a full-year required course for freshmen enrolled in the Foundations HS Math course. Learning 360 emphasizes basic math concepts and assists students with topics covered in Foundations HS Math.

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. 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)

Prerequisites: Departmental approval

This course lays the foundation for the honors track. Topics of study include linear equations and inequalities, systems of linear equations, functions, exponential expressions and equations, operations with polynomials, quadratic equations, and radical and rational expressions. Emphasis is on developing a deep conceptual understanding and applying ideas in the context of a problem situation.

231 Geometry (Academic)

Prerequisite: Algebra I

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.

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. Topics of study include linear functions, systems of linear equations, exponents and polynomials, quadratic functions, radical expressions and functions, exponential and logarithmic functions, and statistics and probability. Students will deepen their understanding of key algebra concepts and preview topics that will be important in advanced math courses.

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.

2331C College Algebra and Trigonometry (Conc) \$\$

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. Concurrent through ASU, see page 2.

2410C Precalculus (Conc) \$\$

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 class time effectively for both lectures/presentations and independent/group practice problems. Concurrent through ASU, see page 2.

2338 Intro to College Math*Prerequisite: Algebra II Academic*

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

2339C College Math Preview (Conc) \$\$*Prerequisite: Algebra II (Honors) or higher*

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. Concurrent through ASU, see page 2.

2350AP AP Statistics (Advanced Placement) \$\$*Prerequisite: Algebra II (Honors)*

AP Statistics covers the topics of a modern introduction to a 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 Canvas 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. In addition to being an AP course, it is offered in conjunction with an ASU concurrent course, see page 2.

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. In addition to being an AP course, it is offered in conjunction with an ASU concurrent course, see page 2.

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.

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 the 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 the 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 the material.

321 Biology (Academic)

Prerequisite: Earth Science

The 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

The 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. 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: Biology, enrolled in or completed Algebra II, 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.

341 Physics (Academic) \$\$

Prerequisites: Chemistry, enrolled in or completed Algebra II, and departmental approval - This course has a \$16 lab fee.

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.

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

Prerequisites: Enrolled in Chemistry Honors or completed Chemistry and departmental approval - This course has a \$16 lab fee

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.

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

Prerequisites: Algebra II, Chemistry, and departmental approval - This course has a \$16 lab fee

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.

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

Prerequisites: Algebra I, enrolled in or completed Biology, and departmental approval. This course has a \$16 lab fee

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 on 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 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.

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

Prerequisites: Completion of Algebra II and departmental approval - This course has a \$16 lab fee

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. Students will develop an understanding of the 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) \$\$

Prerequisites: Completion of Calculus and departmental approval - This course has a \$16 lab fee

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. Topics include motion, forces, energy, rotation, oscillations, and gravitation. Students will develop a deep understanding of the 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 - This course has a \$16 lab fee

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.

Science Electives**3531 Ecology \$\$**

Semester Course

*Open to Sophomores, Juniors and Seniors
Prerequisites: Completed Earth Science, Biology, and departmental approval - This course has a \$16 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 \$\$

Full Year Course

*Open to Sophomores, Juniors and Seniors
Prerequisite: Enrolled in or completed Chemistry and departmental approval - This course has a \$16 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 Sophomores, Juniors and Seniors
Prerequisites: Completed Biology and departmental approval - This course has a \$16 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.

3651C Astronomy (Conc) \$\$

Semester Course

*Open to Sophomores, Juniors and Seniors
Prerequisite: Earth Science and departmental approval - This course has a \$16 lab fee*

In this course, students will use the framework of the Drake equation to investigate whether we are alone as intelligent life in the universe. Students will be asked to question their assumptions and biases and look toward the stars and look toward the past, as they investigate the history of life on our own planet. Students will investigate our home solar system before looking outward toward other galaxies and exoplanets. Students are encouraged to have basic excel skills, and these will be developed throughout the course. Students should be open to working with numbers to investigate the universe around them. One of the two culminating projects is to find a potentially habitable world from a field of stars. Concurrent through ASU, see page 2.

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

Students are required to complete four years of English. The chief tasks 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 and (3) to communicate through various forms of writing. 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.

4140H Adv English Honors

Freshman level course

Prerequisite: Departmental approval

In Advanced English Honors students will develop their ability 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.

4150H Global Literature (Honors) (Capstone Suggested)

Freshman students only

Prerequisite: Approval of both English and AP Capstone Department Heads - Summer reading is required

This world literature and writing class is loosely aligned with AP Art History. Students will read a variety of world literature texts that track with the cultures they will study in AP Art History or Geography/Ancient Civilizations Honors. Students will practice close reading skills and work on synthesizing literary and critical sources into coherent essays. The class will place a heavy emphasis on the grammar skills of writing, including the construction of coherent sentences, paragraphs, and essays. This course is highly recommended for students hoping to pursue an AP Capstone diploma.

4221 Elements of Literature (Academic)

Freshman and Sophomore students only

Prerequisite: Departmental approval

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.

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

Sophomore level course

Prerequisite: Application process based on PreACT test scores, teacher recommendations, and fully submitted application.

Students must be concurrently enrolled in AP World History.

Initial course in the AP Capstone diploma program and the highest level Sophomore English class. AP Seminar is the first of two required courses in the AP Capstone sequence. 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. This demanding course requires students to complete long-term projects and meet multiple deadlines.

431 American Literature (Academic)

Sophomore and Junior students only

Prerequisite: Departmental approval

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 Native American period through the Contemporary Era. Students will also be required to compile and prepare a formal resumé.

431H American Literature (Honors)

Juniors students only

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) \$\$

Junior level course

Prerequisite: Departmental approval, summer reading required

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

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.

English Electives

451C Introduction to College Writing (Conc) \$\$

Semester Course

Open to Juniors and Seniors

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. Concurrent through ASU, see page 2.

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 nonfiction 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!

4532C Poetry in America (Conc) \$\$

Semester Course

Open to Juniors and Seniors

Poetry in America: The City from Whitman to Hip Hop. In this course, we consider those American poets whose themes, forms, and voices have given expression to visions of the city since 1850. Beginning with Walt Whitman, the great poet of 19th-century New York, we explore the diverse and ever-changing environment of the modern city—from Chicago to London, from San Francisco to Detroit—through the eyes of such poets as Carl Sandburg, Emma Lazarus, Edna St. Vincent Millay, Langston Hughes, Marianne Moore, Frank O'Hara, Gwendolyn Brooks, Allen Ginsberg, Robert Hayden, and Robert Pinsky, as well as contemporary hip hop and spoken word artists. This course introduces content and techniques intended to help students and educators learn how to read texts of

increasing complexity. Readings and activities were chosen and designed with the Common Core English Language Arts (ELA) standards in grades six through 12 in mind. Concurrent through ASU, see page 2.

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.

4500 Intro to Journalism

Semester Course

Intro to Journalism's 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 the 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 Google and website design software. This class is a prerequisite for upper-level journalism classes (TV Production, Multimedia Newspaper, Multimedia Yearbook) and satisfies a technology credit.

4525 Multimedia Newspaper

4526 Multimedia Newspaper II

4527 Multimedia Newspaper III

4528 Multimedia Newspaper IV

Prerequisite: Intro to Journalism and departmental approval - Students will earn technology 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.

460 Yearbook I

4610 Multimedia Yearbook II

4611 Multimedia Yearbook III

4612 Multimedia Yearbook IV

Prerequisite: Intro to Journalism or Digital Video/Photography and departmental approval

Multimedia Yearbook is tasked with producing Juan Diego's yearbook, "Tilma." Student work will be focused on photography, graphics, layout design, as well as interviewing and headline writing. Students will 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 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.

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 Pre-ACT test scores

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.

5111H Geography Honors/ 571AP AP Art History (Advanced Placement) \$\$ (Capstone Suggested)

Course description located in Social Studies Electives.

Sophomore

532 World History (Academic)

This course serves as an introduction to World Civilizations and Geography from 1300 to the present. The course will survey cultural, economic, political, intellectual, and social developments from a global perspective. Modern civilizations from Asia, Europe, Oceania, and the Americas will be covered. Students will continue to develop skills analyzing historical documents, primary and secondary sources; developing and defending historical arguments; mastering historical writing; and

drawing comparative connections between historical events.

532H World History Modern (Honors)

Prerequisite: Departmental approval

This course serves as an introduction to World Civilizations and Geography from 1300 to the present. The course will survey cultural, economic, political, intellectual and social developments from a global perspective. Modern civilizations from Asia, Europe, Oceania, and the Americas will be covered. Students will continue to develop skills analyzing historical documents, primary and secondary sources; developing and defending historical arguments; mastering historical writing; and drawing comparative connections between historical events. This year-long class serves as an introduction to modern world civilization.

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

Prerequisite: Departmental approval. Students will be required to purchase textbooks.

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.

5320AP AP World History Modern (Advanced Placement) \$\$ (Capstone Core)

Prerequisite: Departmental approval
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 where students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

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.

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

Semester Course

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 (Concurrent) \$\$

Semester Course

Prerequisite: Departmental approval

Students will be required to purchase textbooks.

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. Concurrent through UVU, see page 2.

5422 Personal Finance

Semester Course

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 accounts, budgeting and saving accounts.

542C Economics (Concurrent) \$\$

Semester Course

Prerequisite: Departmental approval

Students will be required to purchase textbooks

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. Concurrent through UVU, see page 2.

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

Fall Semester

Prerequisite: Departmental approval

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 and Politics (Advanced Placement) \$\$

Spring Semester

Prerequisite: Departmental approval

This course is a college freshman survey course that provides students 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 \$\$

Semester Course

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 \$\$

Departmental approval

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 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) \$\$ (Capstone Suggested)

Prerequisite: Application process and departmental approval, students will be required to purchase textbooks.

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 a 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, behavior, 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 textbooks.

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 methods in major domains. 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 may be required.

5872 Mock Trial I

Fall Semester

Freshmen only

This introductory course will give students the opportunity to learn about the Judicial Branch of the United States government. Students will discover how this branch operates in order to interpret our laws. This will include topics such as the court system, the appeals process, and trials. The main focus of this course will be learning how to prepare for and participate in a criminal or civil trial. During a Mock Trial, students perform all the parts of a trial, including attorneys, witnesses, and the bailiff. This course is designed to build and develop public speaking skills in an authentic and fun environment. Students enrolled in this course are required to enroll in the spring semester #5921 Mock Trial II course.

5921 Mock Trial II

Spring Semester

Freshmen only

Prerequisite: Mock Trial I or Department approval

This spring semester course is specifically designed for students to compete in the Utah Bar Association's Mock Trial Competition. Students will prepare both sides of a trial (Plaintiff/Defense) and compete against other schools around the state. Students will also participate in accelerated training for high school speech and debate. This course will count as a prerequisite for Competitive Speech and Debate. Students enrolled in this course are required to enroll in the fall semester #5872 Mock Trial I course.

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: Spanish I or equivalent high school program.

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: Spanish I with departmental approval. An ability to work at a faster pace is typically required for this course.

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 present 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: Spanish spoken in the home

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 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 two 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: Spanish II or departmental approval

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 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: Spanish 3 and departmental approval, 3.0 GPA

Must drop class if not enrolled at UVU by the deadline

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. Concurrent through UVU, see page 2.

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

Prerequisite: Departmental approval, students will be required to purchase textbooks

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 course is devoted to the introduction and study of the French language and culture. Students will learn basic conversational French, as well as learn foundational grammar, build a basic vocabulary and gain reading, writing, speaking and listening skills in French. Upon completion of this course, students will be able to communicate simple biographical information, their school schedule, their family structure, their hobbies, and likes and dislikes. In addition, students learn about cultural topics from French geography to French cuisine to the French education system.

621 French II

Prerequisite: French I or equivalent high school program.

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, comparisons, 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.

631 French III

Prerequisite: French II or departmental approval

This course 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.

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

Prerequisite: Departmental approval

This 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.

700 PHYSICAL EDUCATION

All students must complete one and a half years of physical education and a semester of Health. The maximum weightlifting course credit that may count toward the required physical education credits for graduation is .5 credits.

721 Physical Education (co-ed)

Summer Semester 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. Open to all grades if a student has not previously completed the course.

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.

773 Girls Fitness and Strength Training

The emphasis is on increased muscular strength and endurance, preparing the athlete for competition. This program is geared toward the student that would like to learn the basics about weight training and developing skills related to muscular endurance and muscular strength. This course is available to all grades and can be taken more than once.

771 Weight Training I/II (co-ed)

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 (co-ed)

Prerequisite: Departmental approval
Open to Sophomores, Juniors and Seniors

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.

7752 Advanced Weights

Prerequisite: Departmental 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.

776 Yoga Foundations \$\$

Semester Course

Class requirements: Yoga mat & Yoga strap

Class recommended for any level student; beginners welcome! In this class, postures will be explored and are practiced to align, strengthen and promote flexibility in the body. Breathing techniques and meditation are also integrated. You can expect an emphasis on simplicity, repetition, and ease of movement. Full-body relaxation and balance are the goals, as we make a full circuit of the body's range of motion with standing postures, twists, backbends, forward folds, and hip openers. Students will also learn the ability to sequence a modified flow with proper technique. Students may take this course for one semester each year.

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.

800 FINE ARTS

All students must complete one year of fine arts. Beginning with the Class of 2025 students will be required to complete 1.5 credits.

Music

8520 Band

Full Year Course

Beginning course open to all students. Students will select an instrument to study over the year, no prior experience is required. Also, students who have participated in Band before, but would like more experience, are also welcome. Band will offer instruction on woodwind and brass instruments. Students will learn the fundamentals of music, sound production, and the basics of rhythm and performance. Students will be exposed to a variety of styles of music and will perform at least once per semester at a concert. If an instrument is rented through school, there will be a \$40/semester rental fee. After completing Band, students should be eligible to take Wind Symphony with instructor approval.

8500 Wind Symphony

Full Year Course

Prerequisite: Department approval

Wind Symphony is an advanced performing ensemble, with two years experience recommended. Students continue to grow as musicians by playing in group settings and developing skills for blending, creativity, and balance while performing a variety of musical styles. The Wind Symphony may perform as a full symphony by combining with strings and percussion. The Wind Symphony performs at concerts, festivals, school events, and public performances which could occur after school hours.

8560 Percussion \$\$

Full Year Course

Beginning course open to all students.

Purchase of some materials required.

This class is designed to introduce students to the world of percussion. Students will learn proper drum techniques and will be introduced to a variety of concert and ethnic percussion instruments. Students will learn to perform individually and as a group. They will be exposed to a variety of styles of music and will perform at least once per semester at a concert. After completing Percussion, students should be eligible for Advanced Percussion with instructor approval.

8570 Advanced Percussion \$\$

Full Year Course

Prerequisite: Department approval

Purchase of some materials required.

Advanced Percussion is for students who have participated in percussion in the past, or have department approval. An emphasis will be placed on advancing technical skills and musicality on all percussion instruments in various styles. This class will cover the following

fundamentals and skills: reading music, sound production, rhythm, and performance. Students are expected to be at all performances/concerts, as this is a performance based class. Students will be expected to purchase their own sticks and mallets

853 Jazz Band

Full Year Course

Prerequisite: Departmental approval and must be concurrently enrolled in Wind Symphony or Percussion.

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, festivals, and other community events throughout the year. All woodwind and brass players must be concurrently enrolled in Wind Symphony while rhythm section players must be enrolled in Percussion class. This class meets in the morning during 0 period at 7:00 AM on alternating days.

8670 Steel Band

Full Year Course

Open to all students

The 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 a 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. This class meets in the morning during 0 period at 7:00 AM on alternating days.

8571 Guitar Studies I

Fall Semester Course

This semester course is designed for students of all playing abilities, especially those with no previous musical experience. Areas of concentration include correct posture, learning chords, note and rhythm reading, and strumming patterns. Within the first week, students will be playing along with modern-day songs. By the end of the semester, students will know how to play several chords which will be the basis for them to learn how to write their own songs or play more advanced music afterward. To participate in this course, each student will need to provide their own instrument. Recommendations and guidance regarding the purchase of a guitar will be given during the first week of class. This is a semester course.

8572 Guitar Studies II

Spring Semester Course

Prerequisite: Guitar Studies I, instructor approval

This one-semester course builds off of what is learned in Guitar Studies I by improving on students' rhythmic abilities, fingerpicking, and barre chords. More advanced areas of concentration include: cross-string flat-picking, gaining a thorough understanding of the fretboard, learning how to create simple improvised guitar riffs on one string, understanding the Nashville Numbering System, and other basic music theory concepts.

NEW 8573 Guitar Studies III

Full Year Course

Prerequisite: Guitar Studies I and II, or instructor approval

Guitar Studies III is an electric guitar-only course. Students will begin their journey on truly understanding the guitar fretboard with single-string playing and position playing exercises. In addition to student-selected repertoire pieces (with teacher guidance), students will learn scales, modes, and intervals. Students are required to perform one piece for the class each quarter.

8600 String Orchestra

Full Year Course

Prerequisite: Instructor approval

This course is designed for intermediate as well as advanced string players. Advanced techniques of bowing, fingering, and tone production are pursued through the study of music ranging from Early Baroque to Contemporary and Popular styles. The group performs both as a string ensemble and as a symphony orchestra by combining winds, brass, and percussion. Performances are required.

866 Chamber Orchestra

Full Year Course

Prerequisite: Audition and instructor approval

Chamber Orchestra is designed for advanced string players and offers students great variety and challenge in musical performance. It is recommended that students have at least 2-3 years experience before auditioning or be familiar with 3rd - 5th positions, keys in 3 sharps and 3 flats, and be able to create a beautiful tone with vibrato. In this orchestra, students learn both traditional chamber pieces on traditional instruments as well as well-known rock classics utilizing electric violins and pedals. Music from composers such as Bach, Beethoven, and Tchaikovsky and modern artists like Coldplay, U2, Greenday, Led Zeppelin, and Muse will be performed. Chamber Orchestra is a contributor to the Juan Diego community and performs for school and community-related events both during the day and in the evening. This class meets in the morning during 0 period on alternating letter days.

862 Concert Choir*Full Year Course*

Offered to current and aspiring singers, regardless of their previous choral experience. The core curriculum explores basic vocal technique, music theory, and history as it relates to Blues, Jazz, musical theatre, Gospel, Folk, R&B, Rock, Hip Hop, and other genres. This exploration takes place on a solo, small group, and large group performance level, as well as lecture and extensive listening. In addition, students are required to perform as the choir at masses and other school sanctioned events throughout the year. They will also prepare as individuals, small groups or full choir in preparation for region and state festivals.

8591 Music Appreciation*Semester Course**Open to all students - no music experience needed*

This class is for students who do 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. Music Appreciation introduces students to the discipline of music through listening, discussion, lectures, and analysis.

858AP AP Music Theory (Advanced Placement) \$\$*Prerequisite: Departmental approval*

AP Music Theory is an introductory college-level music theory course. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design. Students study concepts in heard and notated music, with emphasis on identification and analysis of musical features, relationships, and procedures in full musical contexts.

Dance*Dance classes may fulfill a PE or Fine Arts Requirement, but not both.***NEW 877 Social & Cultural Dance***Semester 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 social and ballroom dance forms such as line dancing, swing, waltz, cha-cha, and foxtrot. Students will also be exposed to various cultural dances, and experience cultures through these dance forms. 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.

871 Beginning Dance*Semester Course**Open to all students*

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 theory, technique, composition, and criticism. In order to accomplish this, students will learn the basic dance technique, and will be exposed to various dance styles. Students will engage in fun activities that develop creative, technical, improvisational and choreographic skills. 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. This course should only be taken once; students who would like to continue with dance should register for Intermediate Dance.

872 Intermediate Dance*Semester Course**Prerequisite: Completion of Beginning Dance or instructor approval*

This course is for students who have had previous dance experience. The goal of this course is to provide students with intermediate instruction in dance theory, technique, composition, and criticism. In order to accomplish this, students will develop intermediate technical skills through various dance styles. Students will engage in fun activities that develop creative, technical, improvisational and choreographic skills. 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. This course should only be taken once; students who would like to continue with dance should register for Advanced Dance.

876 Advanced Dance*Full Year Course**Prerequisite: Intermediate Dance or instructor approval*

This course is for students who have had previous dance experience. The goal of this course is to provide students with advanced instruction in dance theory, technique, composition, and criticism. In order to accomplish this, students will be exposed to advanced dance technique, and various dance styles. Students will engage in fun activities that develop precise creative, technical, improvisational and choreographic skills. 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. This course may be repeated.

874 Dance Company*Full Year Course**Prerequisite: Formal audition in the previous spring and instructor approval*

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 summer dance camp. The aspects of performance quality, choreography, and creative expression are continually stressed in this class. Dance Company performs in the Spring Dance Company Concert.

Theater Arts**886 Technical Theater***Fall Semester or Full Year Course**Open to all students**Prerequisite: Instructor approval*

This course provides students with a hands-on practical backstage experience of the complex workings of 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 Theater and instructor approval*

This course is a continuation of Juan Diego's Technical Theater 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.

8883 Advanced Drama*Full Year Course**Prerequisite: Instructor 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. Students are required to participate in the Utah Shakespeare Festival High School Shakespeare Competition in October, Utah Region/State Drama Competition and all after-school theatre productions.

Visual Arts

892 Ceramics \$\$

Semester Course
\$25 course fee

This course is an introductory class for students who are new to ceramics. In this class students will build skills by exploring the three-dimensional concepts of clay. Basic hand-building methods will be emphasized such as pinch pot, coil and slab. Projects will emphasize problem solving, and give an introduction to the elements and principles of art as they relate to three-dimensional design. This course may be only taken once; students who would like to continue working in clay should register for Intermediate Ceramics.

894 Intermediate Ceramics \$\$

Semester Course
Prerequisite: Ceramics or teacher approval is required - \$25 course fee

This course is for students who have shown an interest in continuing their exploration of clay, with an emphasis on handbuilding. Students will tackle more challenging projects that focus on craftsmanship, creativity, and aesthetics. Additionally they will be introduced to wheel thrown pottery techniques. Students who wish to further their wheel throwing skills should register for Advanced Ceramics the following year. For students who enjoy handbuilding, this course can be retaken.

896 Advanced Ceramics \$\$

Full Year Course
Prerequisite: Intermediate Ceramics or teacher approval - \$75 course fee

This is an advanced course for students who demonstrate commitment to learning wheel thrown pottery with a greater emphasis on studio production, aesthetics, and mastery of the skill set. Projects will emphasize combining wheel thrown methods and hand-building techniques to create truly spectacular works of art. Students will also be encouraged to produce, market, and sell their work to raise money for charity. A full year commitment is required to build the desired skill set; therefore, students will not be allowed to join midyear. This course may be repeated.

8910 Art Foundations I \$\$

Semester Course - \$25 course fee

This course is an introductory class for students who are new to art. AFI is a skill building class where students will study the elements of art, practice drawing from life, and experiment with different art styles and mediums. The class will learn how to understand and create meaning in art by studying some of the masterpieces of art history as well as contemporary working artists. Students will study art vocabulary and learn to discuss and critique art constructively and with confidence. This course may only be taken once; students who would like to continue with art coursework should register for Art Foundations II or another advanced art course.

8950 Art Foundations II \$\$

Semester Course
Prerequisite: Art Foundations I or instructor approval - \$25 course fee

This course is for students who have shown an interest in continuing their art education. With an emphasis on studio production, students will exercise creativity and continue to build their observational drawing and art skills, while experimenting with new materials and processes to organize the art elements, design principles, and create good compositions. Students will further their knowledge of aesthetics, art history, and constructive art criticism. This course may only be taken once; students who would like to continue with art coursework should register for another advanced art course.

8955 Painting \$\$

Semester Course
Prerequisite: Art Foundations I or instructor approval - \$50 course fee

This is an advanced course for students who have had an introduction to drawing, and are ready to try painting. With an emphasis on basic painting skills and color theory, students will create original acrylic paintings and designs. The class will learn how to understand and create meaning in art, and be exposed to some of the great masterpieces of art history as well as contemporary art and artists. Students will learn to discuss and critique art constructively and with confidence. This course may only be taken once.

897 Advanced Art \$\$

Full Year Course
Prerequisites: Art Foundations II and instructor approval - \$75 fee per semester

This is an advanced course for students with a demonstrated commitment to art who want to continue to develop their skills and craftsmanship, as well as their knowledge of art materials and mediums, while studying contemporary and master artists. With an emphasis in studio production, students will build a portfolio focused on drawing and 2D design skills, while exploring their artistic voice and developing a style.

899AP AP Art and Design (Advanced Placement) \$\$

Full Year Course
Prerequisites: Advanced Art and instructor approval - \$75 fee per semester

AP Art and Design is a program administered by the College Board to provide highly motivated students with an opportunity to earn college credit in art. Students will create a portfolio of work to demonstrate inquiry through art and design, and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit a portfolio for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

900 TECHNOLOGY & TV PRODUCTION

All students are required to complete a semester of Technology.

Technology

9493 Game Development Fundamentals I

Semester Course

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. Students will use Game Maker Studio software to design simple games through coding in GML. 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 an emphasis on the design and creation of video games and simulations.

9494 Game Development Fundamentals II

Semester Course

Prerequisite: Game Development Fundamentals I 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.

9511 Computer Science Principles

Semester Course

This course is an introduction to the development and future applications of digital computers. Computer Science Principles places emphasis on computer science topics rather than just programming. Students will 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. Other concepts that are covered are how information facilitates the creation of knowledge and why the Internet pervades modern computing. Students will use Code.org as the main learning platform supplemented with hands on activities.

952 Computer Website Design

Spring Semester

Prerequisite: Basic computer literacy or departmental approval

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 and cascading style sheets. 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 Sophomores, Juniors and Seniors
Prerequisite: Basic computer knowledge or departmental approval

The course investigates the systems utilized for networking computers together and sharing, storing and backing up data between all computer devices. Topics covered will include: network topologies, network cabling, server-based networks, routers, fault tolerant power supplies and both standard and Power-Over-Ethernet switches. Emphasis will be placed on both the TCP/IP models as well as multiple protocols for Subnetting small, medium and large networks.

9602 Mobile App Development

Spring Semester

Prerequisite: Departmental approval or at least one of the following: Computer Programming I, Computer Science Principles or Website Design

This course is designed to teach skills to develop apps for phones, tablets, and other devices. History of cellular technology will be covered. A variety of operating systems will be explored. Students will learn core mobile development skills. Students will learn programming in JavaScript.

9603 Computer Programming I

Fall Semester

Prerequisite: Basic computer knowledge or departmental approval

An introductory course in programming and application development. Students will learn the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. The course includes an introduction to coding concepts and problem-solving skills through the use of the Python programming language. Students will be introduced to more complex data structures and their uses, such as arrays and classes.

9604 Computer Programming II

Spring Semester

Prerequisite: Computer Programming I or departmental approval

This course reviews the strands covered in Computer Programming I. This course introduces students to more advanced data structures and their uses, including sequential files, 2D arrays, and complex classes. Students will learn to create more powerful programs using the Python language. This is a prerequisite for AP Computer Science A.

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

Open to Juniors and Seniors, taught alternate years

Prerequisite: Comp Programming II or departmental approval

This is a Java programming course that covers the fundamentals of programming 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 Java programming methodology (including recursion), and procedural abstraction. It also includes algorithms, data structures, and data abstraction.

9611AP AP Computer Science Principles (Advanced Placement) \$\$

Open to Sophomores, Juniors and Seniors, taught alternate years

Prerequisite: Algebra 1 Honors or departmental approval

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Photography

9615 Digital Video and Photography

Semester Course

Digital Video and Photography's goal is to provide students an introduction to modern video and photography production, from shoot to edit. The class will cover the basics of camera work, including techniques and camera settings, as well as how to edit on a variety of Adobe products, including Photoshop, Lightroom, and InDesign for photography,

and Premiere Pro and After Effects for video. This course requires a MacBook or Windows PC. Students can expect to create a multitude of projects and digital artifacts in this course. This class also functions as a prerequisite for Multimedia Yearbook and TV Production classes. May count as a Technology or Fine Arts credit, but not as both.

Television

962 Television Production I

9630 Television Production II

9631 Television Production III

9632 Television Production IV

Prerequisite: Intro to Journalism or Digital Video/Photography 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 Adobe products and Vimeo to produce and publish clips. The class will enter publications in local and national competitions as well.

SENIOR ELECTIVES

0214 Student Leadership 1

Fall Semester

Seniors only - Prerequisite: Instructor approval

This leadership and collaboration course explores roles, responsibilities, and leadership styles by putting you in the driver's seat of a small, poorly run non-profit. You will learn the basics of leadership, decision-making, collaboration, and culture building, and apply that knowledge to make the non-profit a success. In doing so, you will also begin to define your own leadership style. Student Leaders complete activities and projects associated with various campus life events and functions in addition to course content.

0215 Student Leadership 2

Spring Semester

Seniors only - Prerequisite: Student Leadership 1 and/or instructor approval

This course builds on the knowledge gained in Student Leadership 1. You will explore the characteristics and interactions of the four personality profile types. You will define and solidify your leadership style and capacity to collaborate with and lead others. You will learn practical frameworks, tools, and skills; all of which help you select, form, and lead a successful team. You will learn the art of

organizational culture building in a variety of areas. Student Leaders complete activities and projects associated with various campus life events and functions in addition to course content.

0216 Campus Life Leadership

Seniors only - Prerequisite: Instructor approval

Students taking this course will learn the basics of leadership, decision-making, collaboration, and culture building, and apply that knowledge to their everyday life. In doing so, you will also begin to define your own leadership style. Students plan, organize and execute tasks related to liturgical and school activities with the support of Campus Life Leadership team. Students will take care of physical campus spaces, plan events, perform Christian service, learn valuable leadership lessons and assist with the overall operations of Campus Life and Student Services. This is NOT a "free" or "study" period. Seniors should expect to work during this period and will have graded coursework through canvas and participation in class on various activities and projects.

0218 Entrepreneurship \$\$

Semester Course

Seniors only, application and interview process required - Course fee \$75

Entrepreneurship class will focus on the social selling, marketing, and developing business skills. Students will service customers, experience buying, purchasing, inventory management, marketing, and participate in live selling. Assignments throughout the year include creating marketing strategies, tracking its progress, reporting results, and learning business skills.

0231 College Success Prep- Take Charge

Spring Semester

Seniors only

This course is designed to provide senior students with 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.

0232 College Success Prep- Find Your Voice

Fall Semester

Seniors only

This course helps you discover the causes that you are most passionate about. It will help you explore careers and skills that will enable you to make worthwhile contributions toward those causes. Through this course you will consider different types of post-secondary education and learn and share specific knowledge or experiences that will help as you make this transition into college life.

0223 Teacher Intern

Semester or Full Year

Seniors only

Prerequisite: REQUIRED applications may be obtained in the spring of the student's Junior year, limited 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 or middle 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.

1150 Learning Center

Semester or Full Year

Open to Sophomores, Juniors and Seniors

Prerequisite: Counselor approval and registered for 3 or more AP courses

It is designed to give academically motivated juniors and seniors the opportunity to begin assigned homework, research information for projects or assignments, makeup missed tests or quizzes and otherwise continue their academic progress toward graduation. It will be scheduled into the student's open period and is graded pass/fail.

ACADEMIC SUPPORT

0113 Drexel

Prerequisite: Instructor or Counselor approval

Drexel is a course designed to support students in achieving academic success.

Students receive one-on-one help, can use the time to complete tests, make up missed assignments, and continue their progress toward graduation.

0123 Directed Studies

Prerequisite: Instructor or Counselor approval

Directed Studies is a focused study skills course. It is the goal of the Directed Studies course to assist students in becoming confident, successful, self-motivated students. Students use class time to complete academic coursework as well as coursework dedicated to teaching them academic principles, such as: study, organization, and communication skills. Placement into the Directed Studies course is based on test scores, academics and teacher/counselor/administrator recommendation.

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).

THE JD ACADEMIES

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 2 AP Technology courses.
- **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, students meeting the Academy requirements will receive recognition in the form of a JDCHS Science Academy lab coat.

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, Advanced Dance, Dance Company, Advanced Theatre, Wind Symphony, Percussion, String Orchestra, Chamber 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 November 1 of their senior year.