



Tamiscal High School

2022-2023

Course Requirements for Independent Study Program

Grade 9	Grade 10
English 1-2 Social Issues/World Cultures and Geography Physics in the Universe PE Core 1-2 Advisory	English 3-4 World History The Living Earth PE Core 3-4 Advisory
Grade 11	Grade 12
American Literature 1-2 US History Chemistry in Earth Systems Advisory	Autobiography Biography/Contemporary Literature Economics/Government Advisory
Other classes for TUHSD *diploma/UC and CSU **eligibility	
*3 years of math, including Algebra; *1 year of art **2 years of world language	

Elective Offerings

Fall Offerings <i>(beyond what is required)</i>	Spring Offerings <i>(beyond what is required)</i>
The Immigrant Experience (English) Street Law (Elective) Contemporary Issues (Social Studies)	Psychology (Social Studies) Literary Walkabout (English) Ethnic Studies (Social Studies)
Art Explorations <i>(1 year of art required)</i> Photo 2, Ceramics 2 & 4, Draw-Paint 2	Art Explorations <i>(1 year of art required)</i> Photo 1 & 3, Ceramics 1 & 3, Draw-Paint 1 & 3
Physics 1, Physiology 1	Physics 2, Physiology 2
Spanish 1, 3, 5, 7	Spanish 2, 4, 6, 8
*Workplace Learning and Work Experience are options for students to earn credits through jobs and internships	

Elective Course Descriptions

Course Name	Course Name/Description	Course Length	Requirements Satisfied
<i>English: Beyond Required courses</i>			
Immigrant Experience <i>(Fall)</i>	This course presents students with the diversity of American experience. Students will examine literature that explores the quest for identity and offers them an opportunity to explore worlds outside of their experience. This course illustrates the role of diversity in shaping our experience. The core reading includes essays, short stories, poetry and plays.	1 semester, 5 credit course open to juniors, seniors	UC "A" English
Literary Walkabout <i>(Spring)</i>	This is a course for students which examines nonfiction writing. This course provides students with an opportunity to experience nonfiction adventure and travel writing. Students will read literature that appeals to the practical imagination through both intellectual and physical adventure and provides a model of writing from experience to idea. The focus will be a close examination of adventure and travel writing, which will allow students to explore worlds beyond their own personal experiences. Students will examine the ideas of nonfiction travel and adventure through the reading and apply these ideas to their expository writing.	1 semester, 5 credit course open to juniors, seniors	UC "A" English
<i>Social Studies: Beyond Required Courses</i>			
Contemporary Issues <i>(Fall)</i>	The overarching goal of Contemporary Issues is to provide students with a critical lens that can be applied to the interpretation and understanding of current international and domestic events. Students develop critical thinking and evaluative skills with regard to understanding current conflicts and societal dilemmas. This class promotes an understanding of other cultures and other points of view. Students critical thinking will be developed through an examination of the media, analysis of conflicts and societal dilemmas, the gauging of multiple viewpoints with the purpose of creating informed and balanced opinions, the use of multiple rhetorical devices and medium in the presentation of arguments, and the ability to propose meaningful, thoughtful, and evidence-based solutions. <i>*can also be used to satisfy TUHSD grad requirement for world cultures and geography for 11/12th grade students</i>	1 semester, 5 credit course open to sophomores, juniors, seniors	UC "G" elective
Ethnic Studies <i>(Spring)</i>	Ethnic Studies investigates the local and national struggles confronted by communities of color throughout history. It introduces students to foundational concepts and methods for studying the impact that race and ethnicity have had and continue to have on the people and systems of the United States. Students study history, literature, music and art through a sociological lens for the purpose of having students develop their own informed framework for interpreting struggle and inequality. The goal is for students to identify and understand why social inequalities in the U.S. persist and how these inequalities are distributed.	1 semester, 5 credit course open to sophomores, juniors, seniors	UC "G" elective
Street Law <i>(Fall)</i>	Street Law is a course designed to provide knowledge and problem-solving opportunities in practical law. It will cover areas in individual rights, or constitutional law, as well as business and consumer law. Student interest expressed in Social Studies classes, as well as student reaction to both on and off campus legal issues, has created the need for this course. We are confronted with issues that are raised daily, both in the classroom and through the media concerning rights and responsibilities of family members, rights and responsibilities of employers/employees in the workplace and rights of students at school.	1 semester, 5 credit course open to juniors and seniors	UC "G" elective
Psychology <i>(Spring)</i>	This "survey" course provides students with an initial understanding of the basic principles of psychology, and students have input on the topics that they would like to cover. The class will have practical application in that it will relate psychological understandings to current student concerns. In addition, students interested in related career fields will find this course of interest. <i>*can also be used to satisfy TUHSD grad requirement for social issues for 11/12th grade students</i>	1 semester, 5 credit course open to juniors and seniors	UC "G" elective
<i>Fine Arts (1 year of art required; beyond that iselective)</i>			
Art Explorations	Art Explorations is the first course in the sequential four-year visual arts program. Its purpose is to lay a foundation in the vocabulary and techniques of basic design, to enable art students to expand their experience in and develop their knowledge of two and three dimensional visual arts, to develop some understanding of common heritage and diverse cultural traditions, and to learn	1 semester, 5 credit course	Partial fulfillment of FA grad requirement UC "F"

	skills in the use of materials and studio practices. This course supports the development of lifelong creative and passionate learners. Prerequisite for all other Fine Arts classes.		
Ceramics 1-4	Its purpose is to build on a foundation in ceramics and to enable students to expand their experience in, and develop their knowledge of, two and three -dimensional visual arts.	Each level is a 1 semester, 5 credit course	Partial fulfillment of FA grad requirement UC "F"
Drawing and Painting 1-3	These classes will enable art students to expand and develop their experiences and knowledge of two-dimensional visual arts. In these courses, students will develop increasing skill in the use of materials and techniques, some understanding of the common heritage and diverse cultural traditions of drawing and painting, and an emerging critical and aesthetic proficiency.	Each level is a 1 semester, 5 credit course	Partial fulfillment of FA grad requirement UC "F"
Photography 1-3	The primary goal is to expand and refine the technical and artistic skills of the photography student to enlarge their capacity for visual communication in the medium. Students are challenged to produce increasingly personal solutions to visual and conceptual assignments that directly involve an increasing understanding of darkroom possibility and practice.	Each level is a 1 semester, 5 credit course	Partial fulfillment of FA grad requirement UC "F"
<i>Science: Beyond Required Courses</i>			
Physics 1-2	Physics provides a strong background for college-bound students who have completed other science course requirements. The goals of this course are to present physics as a highly organized body of knowledge held together by unifying principles and based on systematic investigations of nature through experimentation. Students to learn through laboratory experiences, enabling them to appreciate the importance of making careful observations, analyzing facts objectively and synthesizing logical conclusions.	1 year, 10 credit course open to juniors and seniors	UC "D" lab science
Physiology 1-2	Physiology is an advanced biology course designed to provide students an in-depth study to the structure and function of the human body. The course content is primarily organized around the organ systems of the vertebrate body – skeletal, muscular, cardiovascular, and so on – and their interaction in maintaining a functioning, homeostatic organism.	1 year, 10 credit course open to juniors and seniors	UC "D" lab science
<i>World Languages</i>			
<i>*Tamiscal offers Spanish in person. Students can inquire about co-enrolling in a different language class at a comprehensive (french) or COM</i>			
Spanish 1-8	Competency in languages other than one's own is an essential part of communication and cross-cultural understanding in today's global community. Study of another language not only provides individuals with the ability to express thoughts and ideas for their own purposes, but also provides them with access to perspectives and knowledge that are only available through the language and culture. Language learning offers academic, social and cultural benefits that will serve students throughout their lives. Tamiscal offers 4 levels of the Spanish language from beginning to advanced.	Each level is a 1 year, 10 credit course	World Language is not required for graduation, however, 2 years required for UC

Support Classes

Optional/Recommended for some students	Required
AVID 9/10 AVID 11/12	Time in our study lab, called Supervised Independent Study (4 hours for new students; 1 for returning)
Math/Science Academic Workshop	Academic Workshop for students in Special Education
Support class for English learners (ELD/AW)	Advisory and Office Hours

Quick Guide to Choosing Math Courses

<i>*30 credits required for TUHSD diploma, 4 years recommended for 4-year colleges and math fluency</i>	
Current Course (Spring 2022)	Course Selection (Spring 2022/Fall 2023)
Algebra Foundations	Algebra
Algebra	Geometry
Geometry	Advanced Algebra (typical for 4-year college) or Intermediate Algebra
Intermediate Algebra	Advanced Algebra (typical for 4-year college) or Statistics
Advanced Algebra	Pre-Calc (for engineering/STEM college pathways) or Statistics (more for non-math majors or as an area of interest)
Statistics	Pre-Calculus (optional)
Pre-Calculus	<p style="text-align: center;">Tamiscal will offer Calculus (non-AP) to students for the 2021-2022 school year.</p> <p style="text-align: center;">Students can also co-enrollment at comprehensive school (<u>Calc AB or BC</u>) or <u>COM math choices</u></p> <p style="text-align: center; font-size: small;"><i>*students may also have finished their requirement and choose not to take math</i></p>

Math Course Descriptions

Course Name	Course Name/Description	Course Length	Requirements Satisfied
<i>Math: Beyond Required Courses</i>			
Statistics 1-2	The purpose of this course is to introduce students to the methods of collecting, organizing, displaying, analyzing, and draw conclusions from data. It is a course set in a broad, relevant, social context, with an emphasis on statistical ideas, expressed in a variety of settings from public policy questions to the behavioral sciences to sociology and psychology. Although mathematical methodology is used, taught and valued, it is a course that emphasizes understanding data and the principles of drawing justifiable inferences from data. Anticipating patterns using probability and simulation are included in this course.	1 year, 10 credit course open to students who have passed intermediate or advanced algebra	UC "C" Math
Pre-Calculus	This course is offered to students who demonstrate thorough understanding of algebraic and geometric concepts. The focus of the course is the study of analytical topics that are particular to calculus preparation, and topics that are important in a well-rounded college preparatory mathematics program but are not necessarily required for success in calculus. Topics of study will include the following mathematical families: Polynomials and Rational Functions, Logarithms and Exponents, Trigonometry, Polar and Parametric, Conic Sections, Vectors, Limits and Derivatives. Throughout the year and over the broad range of topics, attention will be given to the concepts of rates of change, modeling real world phenomena through applications, domain and range, symmetry, even- and oddness, and complex fractions.	1 year, 10 credit course open to students who have passed advanced algebra	UC "C" Math

Calculus (non AP)	Calculus is a one-year course offered to students who have finished Pre-calculus and want a calculus option without the rigor of an AP calculus course. The course will cover differential and integral calculus with an emphasis on using visuals and explorations to understand calculus concepts in a concrete manner. Students will learn to use the graphics calculator effectively; in each unit, students will perform lab experiments, gather data in a calculus context, make connections between the unit of study and the prior units, and write regularly in a journal about calculus concepts. Students can choose to take the AP exam at their home school, but this is entirely optional (and not offered at Tamiscal).	1 year, 10 credit course open to juniors and seniors who have passed pre-calculus	UC "C" Math
*Calc AB/BC	*students choosing AP or college-level Calculus can co-enroll at their home school or at the College of Marin.		