#### English

| Course                                    | Emphasis of the rigor (majority of work)   | Homework<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|---|--|---|--|--|
| English I                                 | Reading and analyzing literature<br>Writing analytical paragraphs and essays.  | 15-30 minutes                                   | Students often are given directions, instructions in-class, and time to complete work. Homework is often completing classwork.   | 20-30 minutes                                    |
| English II                                | Reading- short stories, novels, non-fiction)<br>Study vocabulary, Socratic Seminars<br>Writing-thesis paragraphs, multi-paragraph<br>responses to literature   | 20-45 minutes                                   | Outside reading<br>Research paper<br>New unit in <i>Sing Unburied Sing</i> (to be developed)   | 30-40 minutes                                    |
| English III                               | -Reading and analyzing literature<br>-Writing expository, argument, and<br>narrative compositions  | 20-45 minutes                                   | Students are expected to read 3-4 books independently over the course of the year.<br>Students are expected to outline, organize, and write within a specific time period on a specific topic.                   | 30-35 minutes                                    |
| English IV                                | <ul> <li>-Research for Senior Thesis.</li> <li>-Reading novels to prepare for quizzes,<br/>analytical and narrative writing.</li> <li>-Completion and revision of writing<br/>assignments</li> </ul>   | 30-60 minutes                                   | Senior Thesis assignments are part of this course<br>Students will read four novels during the course.   | 30-55 minutes                                    |
| AS English II                             | Reading and analyzing literature.<br>Essays/Projects<br>Heavy reading load<br>Socratic seminars<br>Timed in-class essays   | 30-90 minutes                                   | 4-5 page research paper<br>Students should enjoy reading, writing, and discussion.<br>The course is fast-paced and expects deep thinking about<br>mature topics.   | 50-60 minutes                                    |
| AP English<br>Language and<br>Composition | Annotation of 7-8 books<br>Essays/writing<br>Timed in-class essays<br>Rhetorical and literary analysis, argument,<br>synthesis, and creative nonfiction;<br>independent research.<br>Development of language and vocabulary  | 90-120 minutes                                  | 7 page research paper<br>weekly research assignments during the first semester<br>2 formal presentations<br>periodic "fishbowl" discussions  | 55-65 minutes                                    |
| AP English<br>Literature                  | Careful reading and critical analysis of<br>literature (short-story, novel, poetry and<br>drama).<br>Writing expository analysis.<br>The course is designed to cover the<br>equivalent of English IA and IB, or<br>freshman reading and composition, as<br>taught at most colleges and universities. | 90-120 minutes                                  | Senior Thesis assignments are part of this course<br>Students will be prepared to take the AP examination in May.<br>1500 word literary research paper<br>Regular Socratic seminars<br>Presentations as assigned | 60-75 minutes                                    |

### Math

| Course                      | Emphasis of the rigor (majority of work)   | Homework<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>Class meeting<br>(Student Input) |
|-----------------------------|--|---|--|--|
| Algebra I                   | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process;<br>interpretation in the context of the problem.                        | 15 - 30 minutes                                 | Students should feel comfortable with concepts from middle<br>school or review mathematics taught in previous grades.        | 25-35 minutes                                    |
| Algebra 1 w/<br>Computation | Complete Openers, Lecture Notes,<br>Classwork in class. Start Homework<br>assignments in class, and complete it at<br>home.  | 15-30 minutes                                   | Students should feel comfortable with concepts from middle<br>school or review mathematics taught in previous grades.        | Not available                                    |
| Geometry                    | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process;<br>interpretation and perseverance in solving<br>mathematical problems. | 15-30 minutes                                   | None   | 25-30 minutes                                    |
| Algebra II                  | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process;<br>interpretation in the context of the problem.                        | 15 - 30 minutes                                 | Strong grasp of Algebra 1 concepts recommended. Students should review material covered in Algebra 1.                        | 25-30 minutes                                    |
| Pre Calculus                | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process;<br>interpretation in the context of the problem.                        | 45 - 60 minutes                                 | Strong grasp of Algebra 2 concepts recommended. Students should review Algebra 2 material.                                   | 50-70 minutes                                    |
| Statistics                  | Emphasis on construction of arguments,<br>evaluating evidence, and communicating<br>reasoning within a context; Interpretation of<br>results of computation, charts, and data<br>distributions.  | 15 - 30 minutes                                 | Students should expect to complete writing assignments.<br>Students should review writing mechanics from English<br>courses. | 25-35 minutes                                    |

| Math Course<br>continued | Emphasis of the rigor (majority of work)  | Homework<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>Class meeting<br>(Student Input) |
|--------------------------|---|---|--|--|
| Algebra II /<br>Trig     | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process;<br>interpretation in the context of the problem.                                 | 45 - 60 minutes                                 | Strong Algebra skills recommended, course moves quickly  | 60-70 minutes                                    |
| AP Statistics            | Emphasis on construction of arguments,<br>evaluating evidence, and communicating<br>reasoning within a context; Interpretation of<br>results of computation, charts, and data<br>distributions.   | 30 - 60 minutes                                 | None   | 65-90 minutes                                    |
| AP Calculus<br>AB        | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process verbally<br>and in written form; interpretation in the<br>context of the problem. | 105 - 150<br>minutes                            | Strong Algebra 2 and Pre-Calculus skills recommended.<br>Students are recommended to take Summer Boot Camp | 100-115 minutes                                  |
| AP Calculus<br>BC        | Critical thinking and problem solving;<br>algebraic symbol manipulation and<br>attending to precision; abstraction and<br>making connections; effective<br>communication of thought process;<br>interpretation in the context of the problem.                                 | 30 - 90 minutes                                 | Mastery of AP Calculus AB material recommended   | 35-60 minutes                                    |

### Science

| Course  | Emphasis of the rigor (majority of work)   | Homework<br>expectations per<br>class meeting<br>(teacher reported)  | Additional important notes or requirements | Homework per Class<br>Meeting (Student<br>Input) |
|---------|--|--|--|--|
| Physics | Perform experiments, analyze data and<br>graphs, construct explanations of scientific<br>phenomena, and engage in argument from<br>evidence. | 20-30 minutes<br>per week<br>(students are<br>given time to<br>work on<br>assignments in<br>class as well) | Students are free to retake any quiz.      | 20-30 minutes                                    |

| Science Course<br>continued | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported)  | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|-----------------------------|---|--|--|--|
| Physics-9                   | Perform experiments, analyze data and<br>graphs, construct explanations of scientific<br>phenomena, and engage in argument from<br>evidence.  | When assigned,<br>a typical<br>homework<br>involves roughly<br>20 minutes of<br>work at home<br>problem solving                            | None   | 20-30 minutes                                    |
| Chemistry                   | Problem solving, experimental analysis,<br>analytic reasoning   | 20-30 minutes/<br>block. If<br>assigned,<br>homework<br>consists of the<br>completion or<br>continuation of<br>class work.                 | None   | 20-25 minutes                                    |
| Biology                     | Reading textbook, news articles, and other<br>teacher selected readings. Answering<br>questions about readings, talking to the text,<br>or outlining readings. Completing analysis<br>questions for labs.             | 15 - 30 min per<br>block period.   | None   | 30-35 minutes                                    |
| Human<br>Biology            | The majority of homework assigned is<br>review of previous class material via work<br>from textbook, coloring anatomy and<br>physiology handouts, finishing incomplete<br>classwork.                                  | 30-60 min per<br>block period.   | Course has a great deal of vocabulary to use and understand.   | 30-40 minutes                                    |
| Plant and Soil<br>Science   | <ul> <li>1/3 Outdoor work in the garden/where your food comes from via video and Omnivore's Dilemma</li> <li>1/3 lab based unit on soils</li> <li>1/3 Energy production and usage: notes, videos, projects</li> </ul> | Intermittently<br>assigned; 20-30<br>minutes when<br>assigned. Often<br>the only HW is to<br>finish classwork<br>if you did not<br>finish. | 6 hours of environmentally based service learning are required<br>per semester. Both on and off campus opportunities available | Not available                                    |

| Science Course<br>continued                        | Emphasis of the rigor (majority of work)   | Homework<br>expectations per<br>class meeting<br>(teacher reported)   | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|--|--|---|--|--|
| Astronomy  | Emphasis on vocabulary and development of<br>astronomical concepts.<br>Starry Night High School simulation is used<br>in class, some night labs expected.  | When assigned, a<br>typical homework<br>involves roughly<br>20 minutes of<br>work at home.<br>Students are also<br>expected to<br>complete sky<br>observations at<br>night roughly<br>once every other<br>week. | Night labs require transportation to and from school outside of school hours.                                      | 15-30 minutes                                    |
| CTE<br>Introduction<br>to<br>Engineering<br>Design | Learning a CAD program, sketching,<br>individual activities and group projects   | Usually none.   | None   | Not available                                    |
| CTE<br>Principles of<br>Engineering                | Physics of machinery, circuits, control systems, CAD   | none daily,<br>several long term<br>projects  | Students are given time in class for the long-term assignments,<br>but may need to work at home to meet due dates. | Not available                                    |
| 0  | Control systems, CSD, CNC programming, 3D printing, robotics   | none daily,<br>several long term<br>projects  | Students are given time in class for the long-term assignments,<br>but may need to work at home to meet due dates. | Not available                                    |
| Environmental<br>Analysis<br>through<br>Chemistry  | Problem solving<br>Reading to understand/review concepts<br>covered in class<br>Analysis/summarizing of lab results  | 30 minutes - 60<br>minutes  | None   | Not available                                    |
| Environmental<br>science                           | Course topics include ecology, Earth<br>systems, resource use, population growth,<br>global climate change, pollution, and related<br>environmental issues. Both laboratory and<br>fieldwork are important components of this<br>course. | Intermittently<br>assigned<br>homework; 30-45<br>minutes when<br>assigned.<br>Homework<br>includes readings,<br>graphing and data<br>analysis as well<br>as standard HW<br>problems.                            | None   | 30-45 minutes                                    |

| Science Course<br>continued    | Emphasis of the rigor (majority of work)   | Homework<br>expectations per<br>class meeting<br>(teacher reported)   | Additional important notes or requirements  | Homework per<br>class meeting<br>(Student Input) |
|--------------------------------|--|---|---|--|
| AS Chemistry                   | Lab reports, problem solving, experimental<br>analysis, reading the chapter and<br>two additional books with projects.   | 60 minutes per<br>block, completing<br>lab reports,<br>problem solving,<br>and prepping for<br>assessments.   | Students are preparing for freshman college chemistry   | 40-50 minutes                                    |
| AP Biology                     | Reading, workbook questions, lab write-ups<br>and presentations  | 5-6 hours per<br>week. Typically<br>involves reading,<br>case studies,<br>practice AP<br>questions and lab<br>analysis.<br>Students will<br>need to study and<br>review topics in<br>preparation for<br>tests   | None  | 55-75 minutes                                    |
| AP<br>Environmental<br>Science | Heavy reading load and reflective note-<br>taking is required (double entry journals)<br>On line videos and quizzes over reading.<br>Problem sets, Practice FRQs.<br>Selection and summaries of current event<br>articles. | Several hours per<br>week (the exact<br>amount varies<br>greatly among<br>students).  | Homework takes various forms but always includes note-<br>taking/study on text or videos, also concept mapping, data<br>collection, surveys, work on projects, problem sets, FRQ<br>practice and online exercises | 75-100 minutes                                   |
| AP Physics                     | Solving new problems independently   | A typical<br>homework consists<br>of 7-15 physics<br>problems that<br>cover the topics<br>presented in<br>lecture but are<br>different from the<br>examples given in<br>lecture. Students<br>may need to make<br>several attempts<br>and/or seek help in<br>order to solve them | Daily quizzes must be done at the time of the quiz regardless<br>of homework extensions. (Students who are absent can be<br>exempted from quizzes on material they missed.)                                       | 45-60 minutes                                    |

### **Social Studies**

| Course                   | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements  | Homework per<br>class meeting<br>(Student Input) |
|--------------------------|---|---|---|--|
| Ethnic Studies           | Analyzing primary and secondary sources<br>Develop analytical writing and speaking<br>skills<br>Writing analytical paragraphs and essays.<br>Developing basic study skills.   | 15-45 minutes   | Per English & Social Studies agreement: Min. 3 page double<br>spaced paper (5 paragraph essay) w/works cited included | 15-25 minutes                                    |
| Life Skills              | Developing basic study skills. Topics<br>include planning for your future, digital<br>literacy, and health (mental, emotional,<br>social, personal, and community health, as<br>well as substance abuse).   | 15-45 minutes   | Neuroscience of Addiction (district approved)   | Not available                                    |
| US History               | Analyzing primary and secondary sources<br>Writing analytical paragraphs and essays.  | 30-45 minutes   | Per English and Social Studies agreement: 4-5 page research paper.  | 20-25 minutes                                    |
| Government/<br>Economics | <ul> <li>-Reading and analyzing primary and<br/>secondary sources.</li> <li>-Writing analytical paragraphs.</li> <li>-Analyzing and presenting current event<br/>articles.</li> </ul>   | 15-20 minutes   | Senior Thesis assignments are part of this course   | 35-50 minutes                                    |
| Anthropology             | Anthropology is a project based course in<br>which students learn about culture and<br>change in the modern world. Students<br>develop their ability to analyze 'cultural<br>texts' such as film, literature, and art to<br>explore the major elements of culture and<br>social institutions in the modern world.   | 30-40 minutes   | None  | Not available                                    |
| Psychology               | This elective course is a two semester survey<br>that explores the field of psychology<br>including: History, Approaches, and<br>Research; Biological Basis of Behavior;<br>Motivation and Emotion; Consciousness;<br>Human Development; Learning, Memory, and<br>Intelligence; Personality Theory; Abnormal<br>Psychology and Therapy; and Social<br>Psychology. | occasionally<br>assigned  | None  | 15-30 minutes                                    |
| Social Studies           | Emphasis of the rigor (majority of work)  | Homework  | Additional important notes or requirements  | Homework per                                     |

| Course             |  | expectations per                    |   | class meeting   |  |
|--------------------|--|-------------------------------------|---|-----------------|--|
| continued          |  | class meeting<br>(teacher reported) |   | (Student Input) |  |
| AP United          | Reading and analyzing primary/secondary    | Up 60 minutes                       | Summer assignment includes notes from chapters 1 and 2.     | 55-80 minutes   |  |
| States             | sources                                    |                                     | Due the first day of class.                                 |                 |  |
| History            | Document- Based Questions                  |                                     |   |                 |  |
| -                  | Evidence-based expository writing (Long    |                                     |   |                 |  |
|                    | Essay Questions)                           |                                     |   |                 |  |
|                    | Writing analytical paragraphs based on a   |                                     |   |                 |  |
|                    | prompt                                     |                                     |   |                 |  |
| <b>AP European</b> | Reading and analyzing primary/secondary    | Up 60 minutes                       | Summer assignment consists of a textbook Chapter 11 outline | 45-55 minutes   |  |
| History            | sources                                    |                                     |   |                 |  |
| -                  | Document- Based Questions                  |                                     |   |                 |  |
|                    | Evidence-based expository writing (Long    |                                     |   |                 |  |
|                    | Essay Questions)                           |                                     |   |                 |  |
|                    | Writing analytical paragraphs based on a   |                                     |   |                 |  |
|                    | free response prompt, or prompt based on a |                                     |   |                 |  |
|                    | stimulus (excerpt, graph, map, political   |                                     |   |                 |  |
|                    | cartoon, etc.).                            |                                     |   |                 |  |
|                    |  |                                     |   |                 |  |

### World Languages

| Course   | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|----------|---|---|--|--|
| French 1 | Practice, re-enforce, and review materials<br>covered in class. Varied assignments<br>(Quizlet, worksheets, note-card preparation)<br>cover grammar and vocabulary.   | 15- 30 minutes  | Attendance in class is vital for acquisition of new material.<br>Retake for quizzes or tests possible  | 25-40 minutes                                    |
| French 2 | Practice activities for grammar and vocabulary.   | 20-40 minutes   | None   | 15-25 minutes                                    |
| French 3 | Vocabulary memorization<br>Use of vocabulary in activities (written)<br>Grammar concepts used in activities (written)<br>Reading  | 30-40 minutes   | Major test after the end of each unit. This involves a more<br>intensive study expectation.<br>Regular quizzes. Active participation required and regular<br>practice.<br>Retake for quizzes or tests possible | 30-40 minutes                                    |
| French 4 | Continued mastery of vocabulary - meanings<br>and uses. Grammar mastery of discrete<br>concepts, as well as synthesis. Writing<br>includes sentences, paragraphs, full essays and<br>letters. Reading and comprehension activities. | 30 - 45 minutes   | French 4 is often a smaller part of French AP - AP level<br>homework is abbreviated or changed for level 4<br>Active participation required and regular practice.<br>Retake for quizzes or tests possible      | 30-35 minutes                                    |

| World<br>Language<br>Course<br>continued | Emphasis of the rigor (majority of work)   | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements  | Homework per<br>class meeting<br>(Student Input) |
|--|--|---|---|--|
| Spanish 1                                | Students use formulaic structures to<br>communicate basic information. Practice and<br>review activities for vocabulary and<br>grammar.  | 20-45 minutes   | Students are required to speak and listen in Spanish.                                   | 20-25 minutes                                    |
| Spanish 2                                | Focus and learning and using verb tenses and<br>increasing vocabulary. Practice spoken and<br>written language and includes reading short<br>texts.  | 20-45 minutes   | Active participation in class and regular practice outside of class are key to success. | 25-30 minutes                                    |
| Spanish 3                                | Thorough review and expansion of the<br>present and past tenses leading to mastery;<br>working knowledge of subjunctive and<br>perfect tenses. Introduction to future and<br>conditional tenses in context. Broaden basic<br>vocabulary. Introduce new themes in<br>Spanish. Geography and culture of several<br>major countries. Further develop listening,<br>reading, writing, and speaking skills to an<br>intermediate level. | 15-30 minutes   | Active participation in class and regular practice outside of class are key to success. | 20-30 minutes                                    |
| Spanish 4                                | Extensive review of all major tenses from<br>Spanish 3, expand upon the perfect tenses<br>and present subjunctive to include imperfect<br>subjunctive. Spanish 4 takes a deep dive into<br>all of the grammar learned previously.<br>Broaden vocabulary and introduce thematic<br>cultural units in Spanish. Further develop<br>listening, reading, writing, and speaking<br>skills to an intermediate-advanced level.             | 15-40 minutes   | Participation in class and regular practice outside of class are<br>key to success.     | 15-20 minutes                                    |
| Mandarin 1-2                             | <ol> <li>Interpretive listening</li> <li>Interpersonal speaking</li> <li>Cultural connection and comparison</li> </ol>   | 5-15 min  | Retakes are available for all quizzes   | 10-20 minutes                                    |
| Mandarin 3                               | <ol> <li>Interpretive listening and reading</li> <li>Interpersonal speaking and writing</li> <li>Cultural connection and comparison</li> </ol>   | 10-20 min   | Retakes are available for all quizzes   | 15-25 minutes                                    |

| World<br>Language<br>Course<br>Continued | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements  | Homework per<br>class meeting<br>(Student Input) |
|--|---|---|---|--|
| Latin-I                                  | Vocabulary, grammar, and general linguistic<br>training by way of note-taking and<br>collective, collaborative learning practices;<br>reading and basic writing in Latin<br>emphasized with one process paragraph of<br>writing for the year (in English) and one post<br>card writing (in Latin)   | 10-20 minutes   | One construction project of a Roman building  | 15-20 minutes                                    |
| Latin-II                                 | The passage of time continues the practices<br>of Latin-I (notes, vocabulary, grammar,<br>memory, participation are assets); there are<br>some collective readings in class (in English<br>and Latin); as well as four or five writings<br>that range from 1-2 pages on topics<br>historical, rhetorical, personal, and<br>imaginative; the accumulation of verb<br>endings and tenses dominates the fourth<br>quarter                            | 20 minutes  | 5 essays and one Roman sculpture project  | 20-30 minutes                                    |
| Latin-III                                | Reading (in English (two novels) and Latin<br>(significant portions of verse and prose);<br>learning of sophisticated syntactical<br>constructions as well as the completion of<br>the Latin grammar in advance of Latin-IV<br>and AP Latin-V; vocabulary development<br>continues, interpretive skills develop for<br>poetry and prose; reading of poetry and<br>understanding of ancient philosophical<br>cultures is also a part of this class | 30 minutes  | Students should take this course if they like Latin or Roman<br>literature as well as their peer group and teacher; this is the<br>most challenging of all levels of Latin. Students write three or<br>four (English) essays of interpretation of Latin writings. | 15-30 minutes                                    |
| Latin-IV                                 | Reading Latin poetry and prose, reviewing<br>Latin grammar from levels I-III, introduction<br>to outside readings for enhanced<br>interpretations and exposure to antiquity in<br>film, opera, graphic novel, and other media   | 30 minutes  | Essay writing, literary criticism reading, two operas, and several<br>Latin prose composition   | 15-30 minutes                                    |

| World<br>Language<br>Course<br>Continued | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|--|---|---|--|--|
| AP Spanish<br>Language and<br>Culture    | Written and oral analysis of a variety of<br>written text on culture, history, language,<br>literature, science, technology, society.<br>Grammar mastery of discrete concepts<br>Vocabulary mastery/synthesis demonstrated<br>by writing sentences, paragraphs, emails,<br>essays.<br>Reading and comprehension activities.<br>Cultural comparison (speaking) | 20-30 minutes   | All speaking samples and major writing assignments are<br>usually done during class.<br>Active participation required and regular practice/reading/<br>listening to Spanish outside of class is highly recommended   | 25-40 minutes                                    |
| AP Spanish<br>Literature<br>and Culture  | Written and oral literary analysis of<br>literature in Spanish from the Middle Ages<br>to the 21st Century. In addition, students<br>will study historical, political, artistic, and<br>cultural elements relevant to the piece of<br>literature studied.   | 45-60 minutes   | All speaking samples and major writing assignments are<br>usually done during class. Active participation required. It is<br>necessary that students keep up with the reading<br>assignments and come to class ready for<br>discussions/analysis.                    | 45-80 minutes                                    |
| AP French                                | Grammar mastery of discrete concepts<br>Vocabulary mastery/synthesis demonstrated<br>by writing sentences, paragraphs, emails,<br>essays.<br>Reading and comprehension activities.<br>Cultural comparison (speaking)  | 45-60 minutes   | All speaking samples and major writing assignments are<br>usually done during class.<br>Active participation required and regular practice / reading /<br>listening to French outside of class is greatly recommended  | 25-50 minutes                                    |
| AP Latin-V                               | Reading in English and Latin, prose and<br>poetry; analysis in essays and in homework<br>on these passages, frequent quizzes, and an<br>exam every fifth class  | 45-50 minutes   | Requires consistent homework and ability to read Latin, the<br>stronger the Latin vocabulary and grammar of the student<br>enrolling, the greater the success, the stronger the memory of<br>the student, the better chance at the AP exam the student will<br>have. |  |
| AP Mandarin                              | <ol> <li>Interpretive listening and reading</li> <li>Interpersonal speaking and writing</li> <li>Presentational speaking and writing</li> <li>Cultural connection and comparison</li> </ol>   | 15-30 min   | Retakes are available for all quizzes  | 15-25 minutes                                    |

### **Digital Visual Performing Arts**

| Course                                   | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported)                    | Additional important notes or requirements  | Homework per<br>class meeting<br>(Student Input) |
|--|---|--|---|--|
| CTE Foods<br>and Nutrition<br>(level II) | NOT just a cooking class.<br>Directed at career readiness, professionalism,<br>collaboration.<br>Safety and Sanitation formal state recognized<br>assessment - scientific terminology.<br>Creation of professional portfolio - resume,<br>cover letter, mock job interview questions.<br>Formal lab reports due weekly.<br>Food Science concepts - scientific<br>terminology.<br>Facilities maintenance.  | Overall none.<br>Only if there is<br>make-up work or<br>work not finished<br>in class. | This is a level 1 course in the Food Science/Foodservice and<br>Hospitality pathway. It is recommended for 10, 11, 12 grades.<br>Cooking does not occur every class period.                                       | 5-10 minutes                                     |
| CTE Culinary<br>Arts (level II)          | NOT just a cooking class.<br>Directed at career readiness, professionalism,<br>collaboration.<br>Safety and Sanitation formal state recognized<br>certification- scientific terminology.<br>Creation of professional portfolio - resume,<br>cover letter, mock job interview questions.<br>Formal lab reports due weekly.<br>Industry standards enforced.<br>Food Science concepts - scientific<br>terminology.<br>Facilities maintenance .<br>Formal Catering activities and volunteer<br>hours built into the course. | Overall none.<br>Only if there is<br>make-up work or<br>work not finished<br>in class. | This is a level II course in the Food Science/Foodservice and<br>Hospitality pathway. Required prerequisite: Foods and<br>Nutrition. Recommended for 11, 12 grades.<br>Cooking does not occur every class period. | 5-20 minutes                                     |
| Digital Art I                            | Project based. Learn how to use Adobe<br>Photoshop, Illustrator, InDesign, and<br>potentially html. Learn Design Principles<br>and Elements of Art. Learn how to draw by<br>hand and transfer it digitally, learn how to<br>use a drawing tablet, learn how to create<br>vector graphics, and photo editing. Create a<br>variety of print and digital media both in the<br>form of self expression and graphic<br>design/visual communication.  | Dependent on<br>work unfinished<br>during class time<br>or tutorial.                   | Tutorial and video lessons made by the instructor.  | 10-30 minutes                                    |

| Digital, Visual,<br>Performing Arts<br>Course<br>continued | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|--|---|---|--|--|
| Digital<br>Photography                                     | Project based. (1/2 Camera, 1/2<br>computer/Photoshop)  | 2 hours per<br>semester   | Once a semester: 1 hr. commitment (ex: sports event) after<br>school and<br>1 hr. of research/writing                              | 10-20 minutes                                    |
| CTE Digital<br>Photo/Adv<br>Digital Photo                  | Project based. (1/2 Camera, 1/2<br>computer/Photoshop)  | 4 hours per<br>semester   | Three times a semester: 1 hr. commitment (ex: sports event)<br>after school<br>Once per semester about 1 hour of research/writing. | 5-20 minutes                                     |
| Digital<br>Filmmaking                                      | Planning, shooting, and editing videos.<br>Watching and writing about films.  | 60-120 minutes<br>per quarter                                       | Tutorials every day at lunch.  | 10-15 minutes                                    |
| Digital Comm.<br>and Streaming                             | Producing the daily announcements and journalistic videos to air on closed circuit TV.  | 15 minutes and<br>one brunch per<br>week                            | Tutorials every day at lunch.  | 10-30 minutes                                    |
| Art 1  | Learn the basics elements of art and art and composition through a variety of mediums and projects.   | 4 hours per<br>semester   | Office hours during lunch and brunch   | 5-15 minutes                                     |
| Art 2  | Learn the basics elements of art and art and<br>composition through a variety of mediums<br>and projects. There will be a special focus on<br>painting skills, working in the series, and<br>conceptual work. | 4 hours per<br>semester   | Office hours during lunch and brunch   | 0-10 minutes                                     |
| Advanced<br>Animation                                      | Students can choose to work in 2D (Flash)<br>and 3D (Blender) animation software.<br>Development of computer games and<br>learning to write computer code in various<br>languages.                            | 30-60 minutes<br>each week  | Tutorials before and after school.<br>Online support.  | 0-25 minutes                                     |
| Web Design<br>and<br>Animation                             | Learn the basics of Designing web pages<br>(HTML and CSS) as well as 2D animation<br>in Flash and 3D animation in Blender.  | 30 to 60 minutes<br>each week                                       | Tutorials before and after school.   | 0-25 minutes                                     |
| CTE Intro to<br>Computer<br>Science                        | Write computer code as well as learn about<br>computers in society, the history of<br>computing, the future of computing,<br>computer ethics and more.  | 30 to 60 minutes  | Tutorials before and after school.   | Not available                                    |

| Digital, Visual,<br>Performing Arts<br>Course<br>continued    | Emphasis of the rigor (majority of work)   | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |
|---|--|---|--|--|
| Jazz Ensemble   | Music performance  | None  | Student led section help after school organized by student leaders.  | 0-10 minutes                                     |
| Orchestra   | Music performance  | None  | Student leaders and guest clinicians offer support for student with weak basic skills.   | 0-15 minutes                                     |
| Advanced<br>Band/ Band 2                                      | Music performance  | None  | Student tutoring provided by student leaders for students with weak basic skills.  | 0-10 minutes                                     |
| Choral 1, 2, &<br>Adv. Choral                                 | Music performance  | None  | Students leaders provide assistance during class time in help other students learn their music.                                    | Not available                                    |
| Guitar 1 &<br>Guitar 2  | Basic guitar technique and reading music are the main emphasis.  | None  | Daily individual help from instructor during class time along<br>with buddy system for learning musical assignments<br>encouraged. | 0-10 minutes                                     |
| Ceramics 1  | Learning basic hand-building techniques  | None  | Almost all work is done in class due to the equipment requirements.  | 5-15 minutes                                     |
| Ceramics 2  | Sketching, independent internet research   | None 1st semester.<br>10 minutes 2nd<br>semester                    | Almost all work is done in class due to the equipment requirements.  | 5-20 minutes                                     |
| Digital Music<br>Production                                   | Learning software to produce music and sound for film.   | 0-10 minutes  | Audio lab is generally open at lunch and after school until 4:30.  | 0-10 minutes                                     |
| CTE Audio<br>Music<br>Production/<br>Adv. Audio<br>Music Prod | Using skills developed in Audio Production I to create a portfolio of work, learning live sound (P/A) set up for DJs and events.     | 0-10 minutes  | None   | 0-10 minutes                                     |
| Drama I/II  | Theatre terminology and processes.<br>Performance of Scenes and Monologues.<br>In class reading and writing.                         | 20 minutes  | Teacher available after school.  | 0-5 minutes                                      |
| Drama II/IV   | Performance of Scenes and Monologues.<br>Written response and reading assignments in<br>class.<br>Theatre Terminology and Processes. | 20-30 minutes   | Teacher available after school.  | 0-15 minutes                                     |
| Digital, Visual,<br>Performing Arts<br>Course<br>continued    | Emphasis of the rigor (majority of work)   | Homework<br>expectations per<br>class meeting<br>(teacher reported) | Additional important notes or requirements   | Homework per<br>class meeting<br>(Student Input) |

| Academy CTE                                 | Business focus and cross-curricular  | Collab with      | Weekly after school tutorials and at lunch.   | 15-35 minutes |
|---|--|------------------|---|---------------|
| Multimedia                                  | assignments with English, Social Studies and<br>Math: Technical knowledge of various<br>software suites (Office 2013 and Adobe CS6)<br>using menus, tools, etc. to produce a variety<br>of business documents, creating animations<br>and websites. Mentor program that explores<br>and researches various careers with an<br>emphasis on interacting with a business<br>mentor. | Academy classes. |   |               |
| AP Studio Art                               | Producing the work needed to fulfill the AP<br>studio art portfolio requirements in the<br>following areas: Range of Approaches,<br>Sustained Investigation, and Selected Works.   | 30 minutes       | Individualized and independent learning. Development of an<br>extensive portfolio for the College Boards including written<br>statement | 15-30 minutes |
| AP Computer<br>Science<br>A                 | Basics of Object Oriented Programming<br>(OOP) with the Java programming language.<br>Emphasis on problem solving, program<br>structure, algorithms, best practices for<br>writing computer programs.  | 30 minutes       | Students work alone and in groups. Much of the course/homework is done at the computer. Saturday tutorials available                    | 5-25 minutes  |
| CTE<br>AP Computer<br>Science<br>Principles | Along with the fundamentals of computing,<br>students will: Problem solve, analyze large<br>sets of data, program, use the computer to<br>address real-world issues.   | 20-40 minutes    | Humanities majors   | 10-20 minutes |

#### **Physical Education**

|                          |   |   | 0  |                                     |  |
|--------------------------|---|---|--|-------------------------------------|--|
| Course                   | Emphasis of the rigor (majority of work)  | Homework<br>expectations per<br>class meeting       | Additional important notes or requirements               | Student Input<br>Homework per class |  |
| PE 1 & 2                 | Preparation for passing the fitness tests and<br>participating in physical education for<br>fitness for life and sport                          | Review sheets,<br>practice fitness<br>tests at home | After school fitness center Friday 3:30-5, also tutorial | 0-10 minutes                        |  |
| PE Dance<br>1 & 2        | Preparation for passing the fitness tests and<br>participating in physical education for<br>fitness for life. Emphasis is placed on<br>dancing. | None  | After school fitness center Friday 3:30-5, also tutorial | 0-5 minutes                         |  |
| PE 2: Weight<br>Training | Active stretching warm up routine, core<br>workout, anatomy/physiology of the<br>muscular system, and individual muscle<br>group workouts       | None  | After school fitness center Friday 3:30-5, also tutorial | 5-15 minutes                        |  |