Course Selection Information Evening

Welcome!
"To access interpretation services, please click on the globe at the bottom of the screen and select 'Spanish' from the list. You will then hear all the audio in Spanish."

"Para acceder al servicio de interpretación en español, por favor haga click en el globo que aparece en el menú de abajo y seleccione español de la lista de idiomas. Al hacer esto, usted podrá escuchar el audio en español."
Course Requests: A Perspective

John Schafer

Schedule Conflicts
Parental Role
Rigor and Balance
Just because you can, doesn’t mean you should
Graduation Requirements: Natalie Ford

**English**: 4 years (seniors must take English both semesters)

**Creative Arts**: 2 years (Current 9th grade A block course counts towards this requirement) Year and semester long courses available for all skill levels in all disciplines

**World Language**: 2 consecutive years of the same language, one of which must be INTERMEDIATE level (Spanish, French, Mandarin), or LATIN 3 (Latin)

**History**: 3 years and research paper in spring of junior year

**Mathematics**: 3 years (including Algebra 2)

**Science**: 3 years (Physics, Chemistry, Biology)

**Physical Education**: Freshman rotation + 3 semesters

**Community Service**: Complete 10 credits each year

**MTerm**: Pass
Scheduling Logistics: Natalie Ford

Class of 2024 (Juniors):

- will meet with their College Counselor to request classes from March 7th-April 6th
- students will receive an email from their CC with details about the meeting and how to schedule

Class of 2025 (Sophomores):

- able to meet with a college counselor if they have any questions related to their courses during dedicated office hours for sophomores on March 3rd
- will be requesting classes with their academic advisor from March 7th - April 6th
## CREATIVE ARTS

**VISUAL**
- Studio Art
- Moviemaking
- Photography
- Digital Animation

**PERFORMING**
- Orchestra
- Jazz Band
- Vocal
- Drama
- Dance
### Year Long Courses

*Courses in blue require a prerequisite or permission from teacher*

<table>
<thead>
<tr>
<th>Art 1: Foundations</th>
<th>Animation 1</th>
<th>Chamber Orchestra</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 2: Advanced Art</td>
<td>Animation 2, 3</td>
<td>Jazz Band</td>
</tr>
<tr>
<td>Art 3: Topics in Fine Arts</td>
<td>Photo 1</td>
<td>AP Music Theory</td>
</tr>
<tr>
<td>AP Art, 2D, 3D, Drawing</td>
<td>Photo 2, 3</td>
<td></td>
</tr>
<tr>
<td>Moviemaking 1</td>
<td>Vocal Exploration</td>
<td>Dance I</td>
</tr>
<tr>
<td>Moviemaking 2: Advanced Moviemaking</td>
<td>Knight Singers</td>
<td>Dance II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Choreography Workshop</td>
</tr>
</tbody>
</table>
### Semester Long Courses

*courses in blue require a prerequisite or permission from teacher*

<table>
<thead>
<tr>
<th>Moviemaking 2: Advanced Moviemaking</th>
<th>Drama ON-Stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dance I</td>
<td>Drama OFF-Stage</td>
</tr>
<tr>
<td>Dance II</td>
<td>Musical Theatre</td>
</tr>
<tr>
<td>Tap Dance</td>
<td>Photo 2, 3</td>
</tr>
<tr>
<td>Push Play</td>
<td>Production: Page to Spiker Stage</td>
</tr>
</tbody>
</table>

Some of these classes can be taken fall AND spring to meet the year-long arts requirement.
World Language:

Language Requirement for Graduation:

Two consecutive years of the same language, and one of those two years must be at level 3 of that language.
## World Language: French, Spanish, Mandarin

<table>
<thead>
<tr>
<th>Your child's class</th>
<th>Your child's class</th>
<th>Language Class Progression</th>
</tr>
</thead>
<tbody>
<tr>
<td>THIS YEAR</td>
<td>NEXT YEAR</td>
<td></td>
</tr>
<tr>
<td>Level 1</td>
<td>Level 2 (required)</td>
<td><strong>Advanced Topics</strong></td>
</tr>
<tr>
<td>Level 2</td>
<td>Level 3 (required)</td>
<td><em>Level 4 (required)</em></td>
</tr>
<tr>
<td>Level 3</td>
<td>*Level 4 (required)</td>
<td>Level 5 in Mandarin</td>
</tr>
<tr>
<td>Level 4</td>
<td>Level 5 in Mandarin</td>
<td>Advanced Topics (required)</td>
</tr>
</tbody>
</table>

*(Placement in these classes is made by recommendation of current teacher)*

- Mandarin does NOT offer a Foundations 1 course
- *Honors option course*
<table>
<thead>
<tr>
<th>Your child’s class THIS YEAR</th>
<th>NEXT YEAR</th>
<th>Latin class progression</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latin 1</td>
<td>Latin 2</td>
<td>Latin 4 *Latin 3</td>
</tr>
<tr>
<td></td>
<td>(required)</td>
<td>Latin 2 Latin 3 Latin 1</td>
</tr>
<tr>
<td>Latin 2</td>
<td>*Latin 3</td>
<td>*Honors option course</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin 3</td>
<td>Latin 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin 4</td>
<td>Advanced Topics in Latin (Honors)</td>
<td></td>
</tr>
</tbody>
</table>
World Language: What is ‘Honors’ or ‘Honors Option’?

Applies only to the following levels:
- French, Mandarin,
- Spanish 4
- Latin 3
- Advanced Topics

The decision to take one of these as an Honors class is a collaborative one, made between student and his/her new teacher in the first 6 weeks of the school year.

Once a student is given the ‘honors’ designation, it cannot be changed.

Students with ‘honors’ designation are expected:
- to communicate in the target language at all times during class (modern languages)
- to go beyond the minimum requirements on all assignments
- to have better control and accuracy of learned grammatical structures, and to use them spontaneously.
- to develop detailed understanding of the language, using evidence from class lectures, readings, and authentic resources (such as news articles, etc.)
- to demonstrate strong organizational skills
### Science Electives

**Required for graduation:** Physics, Chemistry, and Biology

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Physics 2*</td>
<td>Deb Jensen</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>Chrissy Orangio</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Advanced Topics in Chemistry*</td>
<td>Eugenia McCauley</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Anatomy &amp; Physiology</td>
<td>Todd Hardie</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Advanced Topics in Physics*</td>
<td>James Dann</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Advanced Topics in Biology*</td>
<td>Tanya Buxton</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

*Indicates honors course.

Student perspectives: [http://tinyurl.com/MenloScienceCourses](http://tinyurl.com/MenloScienceCourses)
# Applied Science & Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor(s)</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Mechanical and Electrical Engineering</td>
<td>Marc Allard, James Formato</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sustainable Earth Engineering</td>
<td>James Dann</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Neuroscience</td>
<td>Cristina Weaver</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Design &amp; Architecture †</td>
<td>Marc Allard</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Experimental Archaeology (fall or spring)</td>
<td>David Spence</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Applied Entrepreneurship</td>
<td>Marc Allard</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Applied Science Research*</td>
<td>James Dann</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Biotechnology Research*, ††</td>
<td>Tanya Buxton</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

Student perspectives [http://tinyurl.com/MenloScienceCourses](http://tinyurl.com/MenloScienceCourses)

*Indicates honors course. †Satisfies Yearlong Arts Requirement. †† Requires application, contact the instructor.
## Two Great Options: SEE vs. EnvSci

<table>
<thead>
<tr>
<th>Sustainable Earth Engineering</th>
<th>Environmental Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Water Engineering</td>
<td>● History and Policy</td>
</tr>
<tr>
<td>● Plastics and Climate Change</td>
<td>● Environmental Activism</td>
</tr>
<tr>
<td>● Analysis of Energy</td>
<td>● Basic Science</td>
</tr>
<tr>
<td>● Historical Solutions</td>
<td></td>
</tr>
<tr>
<td>● Future Innovations</td>
<td></td>
</tr>
</tbody>
</table>

**Satisfies IP for: Global Scholars, Applied Science**

**Student perspectives:** [http://tinyurl.com/MenloScienceCourses](http://tinyurl.com/MenloScienceCourses)
Read Student Perspectives:

Student perspectives: http://tinyurl.com/MenloScienceCourses
English: Rachel A. Blumenthal

Junior Year:
- AP Literature (fiction)
- AP Language (non-fiction)
- English 3: “Rebels” (fic/non-fic/film/+)
- Additional Opportunity: juniors may take a senior seminar in addition to their yearlong course if it is not at capacity. Sign-ups in the fall.

Senior Year:
- Senior Seminars (honors and non-honors option)
- or an opportunity to take an AP if your student took English 3 in 11th grade

Additional Opportunities:
- English TA Indep. Study
- Writing Center: Peer Tutoring
- LitMag
- Menlo Roundtable
- And more! We are eager to collaborate with your students.
<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Dystopian Fiction &amp; Film</td>
<td>● Lyric &amp; Lifeline</td>
</tr>
<tr>
<td>● Shakespeare Now <em>(H)</em></td>
<td>● Global Mythologies: the Journey Inward</td>
</tr>
<tr>
<td>● The Gothic South <em>(H)</em></td>
<td>● Fairy Tales: Reinventing the Spinning Wheel</td>
</tr>
<tr>
<td>● Modernist Poetry Workshop <em>(H)</em></td>
<td>● The Art of the Essay</td>
</tr>
<tr>
<td>● Café Society: Paris in the ‘20s-'30s</td>
<td>● Poetry Workshop</td>
</tr>
<tr>
<td>● Medicine and Narrative</td>
<td>● Delight: Celebrating the Small Wonders of Life</td>
</tr>
<tr>
<td>● East Asian Pop Culture: Anime, Kung Fu,</td>
<td>● Science Fiction and the Classics</td>
</tr>
<tr>
<td>and K-Pop</td>
<td>● Investigations</td>
</tr>
<tr>
<td>● On Being</td>
<td>● Literature and Science</td>
</tr>
<tr>
<td>● Odysseys</td>
<td></td>
</tr>
</tbody>
</table>
History: Carmen Borbón

Juniors: MUST take a fall AND spring History elective. All electives offer an honors option for motivated students. (No prerequisites)

**U.S. Electives**
- American Issues
- Ethnic Studies I & II
- U.S. Economic History
- U.S. Foreign Policy
- Current Affairs

**Global Electives**
- Global Issues
- Modern Middle East
- Navigating Decolonization
- Refugees & Forced Migration
- Caliphs to Coffee
History: Carmen Borbón

**Humanities/Social Sciences**
- Humanities I & II
- Philosophy I & II
- Modern Political Rhetoric
- Gender & Queer Studies
- Pursuit of Happiness
- Economics
- Environmental Economics

**Yearlong AP Electives**
- European History
- U.S. Government
- Prerequisites apply
Menlo Upper School Math Offerings

Integrated Geometry & Algebra (IGA)

Analytic Geometry & Algebra (AGA)

Analytic Geometry & Algebra (H) (AGAH)

Algebra 2

Algebra 2 with Trigonometry

Algebra 2 with Trigonometry (H)

Precalculus

Introductory Calculus

Introductory Calculus (H)

Calculus

AP AB Calculus

AP BC Calculus

AP Statistics

Statistics

Advanced Topics in Math
Next Math Course:

- 10th graders recommended for the next appropriate level for 11th grade. If students are unaware of their next math course, they should talk with their teacher.
- 11th graders: Precalculus → Calculus
  - Introductory Calculus → AP Calculus AB
  - Introductory Calculus Honors → AP Calculus BC
Statistics Options:

- After taking Honors Algebra 2 or any of the Junior level classes, students may enroll in *Statistics*.

- Students who have completed Algebra 2 Honors, Introductory Calculus, or Introductory Calculus Honors can enroll in *AP Statistics*. Students who have completed Precalculus with an A year end grade also can enroll with permission of the precalculus instructor and the Mathematics Department Chair.
Other Math Options:

- **Advanced Topics in Mathematics** is a course for students who have completed *Introductory Calculus Honors* or *AP Calculus BC*. Students may enroll in this course more than once, as topics alternate each year. Students engage in a study of topics from multivariable calculus, differential equations, linear algebra, discrete math, and number theory.
Computer Science @ Menlo

**CS1**
- Foundational concepts and skills
- Competency-based
- Time management
- Collaboration

**CS2**
- Analysis of algorithms
- Data structures
- Project-based

**App Design & Development**
- A design-oriented approach to solving real problems for real people

**Independent Study**
- Pursue a topic of interest under supervision of CS faculty

**Advanced Topics**
- Topics may include:
  - Machine Learning
  - Cybersecurity
  - Web Development
  - Game Design
  - Networks

[Diagram shows flow between courses and study options]
CS1: Introduction to Computer Science
Assuming no previous CS experience, CS1 introduces you to the study of CS and the art of programming. Problem sets integrate the arts, humanities, social sciences, and sciences.

App Design & Development: Learn how to build apps that solve real problems for real people! The course focuses on iOS app programming. Prereq: CS1

CS2: AP Computer Science A
CS2 dives deeper into the field of computer science. Students create various projects throughout the course, including video games with keyboard and mouse input. Prereq: CS1

Adv. Topics in CS: Tackle applications of computer science such as AI, machine learning, data science, cybersecurity, and more! Prereq: CS2. Can be taken twice.

Questions?
Ask Zach Blickensderfer:
zblickensderfer@menloschool.org
But wait, there’s more

Other electives:

Yearbook 1: Publication Design
Yearbook 2: Advanced Publication Design
Yearbook 3: Publication Design Leadership

Introduction to Journalism
Advanced Journalism
Journalism Leadership (w/Honors option)

IP Capstone (H)
The Menlo IP program is a new way for students to engage in a distinguished plan of studies during their junior and senior years.
Global Online Academy

Online courses; will appear on transcript; grade included in Menlo GPA

www.globalonlineacademy.org

Courses Include:

- Entrepreneurial Leadership
- Graphic Design
- Global Health
- Positive Psychology
- Game Theory
- Arabic
- 9/11 in a Global Context
- Applying Philosophy to Modern Global Issues
Questions?