

# 2019/2020 Course Planning & Selection Packet

## San Diego Unified School District

### Graduation & UC/CSU "a-g" Requirements

Last update: December 10, 2019



## History/Social Science

Six semester credits (3-Years) required.

- Grade 10: Two credits in World History, or an advanced alternative.
- Grade 11: Two credits in U.S. History, or an advanced alternative.
- Grade 12: One credit in Government and one credit in Economics, or two credits in an advanced alternative.

\*Does not meet US History Requirement.    \*\*Meets the U.S. History graduation requirement.    \*\*\*Does not meet the Government graduation requirement.

<u>Grade 9 or 10:</u>	<u>Grade 10:</u>	<u>Grade 11:</u>	<u>Grade 12:</u>
<ul style="list-style-type: none"> <li>• Ethnic Studies (BL Only)</li> </ul>	<ul style="list-style-type: none"> <li>• World History</li> <li>• AP World History</li> </ul>	<ul style="list-style-type: none"> <li>• U.S. History</li> <li>• AP U.S. History</li> <li>• *IB Economics SL</li> <li>• IB History of the America's HL 1</li> <li>• **City College Chicano Studies</li> <li>• **City College Black Studies</li> </ul>	<ul style="list-style-type: none"> <li>• Government/Economics</li> <li>• AP Government/Economics</li> <li>• ***IB History of the America's HL 2</li> <li>• ***IB Economics HL</li> <li>• City College Political Science</li> </ul>

## English Language Arts

Eight semester credits (4-Years) required.

- **Grade 9:** Two semester credits in English 1,2.
- **Grade 10:** Two semester credits in English 3,4.
- **Grade 11/12:** Four semester credits, including at least one in a course that emphasizes American Literature.

<u>Grade 9:</u>	<u>Grade 10:</u>	<u>Grade 11:</u>	<u>Grade 12:</u>
<ul style="list-style-type: none"> <li>• English 1,2</li> </ul>	<ul style="list-style-type: none"> <li>• English 3,4</li> <li>• English 3,4 Advanced</li> </ul>	<ul style="list-style-type: none"> <li>• American Literature</li> <li>• IB English HL 1</li> <li>• AP English Language</li> </ul>	<ul style="list-style-type: none"> <li>• CSU Expository Reading &amp; Writing (ERWC)</li> <li>• IB English HL 2</li> <li>• AP English Literature</li> <li>• City College English 47A &amp; 101</li> </ul>





# Mathematics

**Six semester credits (3-Years) required.**

- Two semester credits in Integrated Math I.
- Two semester credits in Integrated Math II.
- Two additional credits in Integrated Math III.

Integrated Math I	Integrated Math II	Integrated Math II Advanced
Integrated Math II	Integrated Math III	Integrated Math III
Integrated Math II Advanced	Integrated Math III Advanced	Integrated Math III Advanced
	IB Math Analysis SL Year 1 (11th grade only)	IB Math Analysis SL Year 1 (11th grade only)
Integrated Math III	Integrated Math III Advanced	Honors Pre-Calculus
Statistics & Data Analysis (12th grade only)	Statistics & Data Analysis (Option as a 4th year math)	AP Calculus
Honors Pre-Calculus	Honors Pre-Calculus	
IB Math Analysis SL Year 1 (11th grade only)	IB Math Analysis SL or HL Year 1 (11th grade only)	Statistics & Data Analysis (12th grade only)
		IB Math Analysis SL or HL Year 1 (11th grade only)
IB Math Analysis SL Year 1	IB Math Analysis HL Year 1	
IB Math Analysis SL Year 2 (12th grade only)	IB Math Analysis HL Year 2 (12th grade only)	



## Science

### Six semester credits (3-Years) required.

- Two credits in Life Science. (Biology or other U.C. approved laboratory science course in the “d” subject area).
- Two credits in Physical Science. (Physics, chemistry, or other U.C approved laboratory science course in the “d” subject area).
- Two additional credits of U.C. approved science coursework in the “d” (laboratory science) or “g” (elective science) subject area.

<u>Grade 9:</u>	<u>Grade 10:</u>	<u>Grade 11:</u>	<u>Grade 12:</u>
<ul style="list-style-type: none"><li>• Biology 1,2</li></ul>	<ul style="list-style-type: none"><li>• Chemistry 1,2</li><li>• Honors Chemistry</li><li>• Physics 1,2</li></ul>	<ul style="list-style-type: none"><li>• IB Biology HL1</li><li>• IB Chemistry HL1</li><li>• IB Physics HL1</li><li>• AP Biology</li><li>• Physics 1,2</li><li>• AP Environmental Science</li></ul>	<ul style="list-style-type: none"><li>• IB Biology HL2</li><li>• IB Chemistry HL2</li><li>• IB Physics HL2</li><li>• AP Biology</li><li>• AP Environmental Science</li></ul>



# World Language

Four semester credits (2-Years) of sequential courses required.

Spanish 5-6 Advanced is a pre-requisite for IB/AP Spanish courses.

## Spanish Sequence:

Spanish 1-2	Spanish 3-4	Spanish 5-6	Spanish 5-6 Advanced
Spanish 3-4	Spanish 5-6 Spanish 5-6 Advanced	Spanish 5-6 Advanced AP Spanish Language	AP Spanish Language IB Spanish SL
AP Spanish Language	IB Spanish SL	IB Spanish HL 1	
AP Spanish Literature	IB Spanish HL 1	IB Spanish HL 2	
9th	10th	11th	12th
1-2	3-4	5-6	5-6 Advanced
3-4	5-6	5-6 Advanced	IB SL
5-6	5-6 Advanced	IB SL	IB HL 1
5-6 Advanced	IB SL	IB HL 1	IB HL 2

## French Sequence:

French 1-2	French 3-4	French 5-6 Advanced	IB French SL
French 3-4	French 5-6 Advanced	IB French SL	IB French HL 1
IB French HL 1			
IB French HL 2			
9th	10th	11th	12th
1-2	3-4	5-6 Advanced	IB SL
3-4	5-6 Advanced	IB SL	IB HL 1
5-6 Advanced	IB SL	IB HL 1	IB HL 2

## German Sequence:

German 1-2	German 3-4	German 5-6 Advanced	IB German SL
German 3-4	German 5-6 Advanced	IB German SL	IB German HL 1
IB German HL 1			
IB German HL 2			
9th	10th	11th	12th
1-2	3-4	5-6 Advanced	IB SL
3-4	5-6 Advanced	IB SL	IB HL 1
5-6 Advanced	IB SL	IB HL 1	IB HL 2





# Visual & Performing

**Two semester credits (1-Year) in the same course required.**

\*Art or VAD 1,2 pre-requisite for any IB or AP art.

\*Photography is a pre-requisite for screen printing.

\*Drawing & Painting pre-requisite for AP Studio Art: Drawing & Painting.

## ART Sequence:

Art 1,2	Visual Art & Design 1,2	Drawing & Painting 1,2	Color & Design 1,2
Drawing & Painting 1,2	Drawing & Painting 1,2	<i>AP Studio Art:</i> Drawing & Painting Portfolio (IB Yr. 1)	<i>AP Studio Art:</i> 2-D Design (IB Yr. 1)
Color & Design 1,2	Color & Design 1,2		Senior Art Studio (IB Yr. 1)
Photography 1,2	Photography 1,2	<i>AP Studio Art:</i> 2-D Design (IB Yr. 1)	Drawing & Painting 1,2
		Senior Art Studio (IB Yr. 1)	
AP Art Studio: D & P	AP Studio Art: 2-D	Senior Art Studio	IB Visual Art SL
IB Visual Art SL	IB Visual Art SL	IB Visual Art SL	
<i>AP Studio Art:</i> 2-D Design (IB Yr. 1)			
Photography 1,2	Screen Printing 1,2	Screen Printing 3,4	
Screen Printing 1,2	Screen Printing 3,4		
<i>AP Studio Art:</i> 2-D Design (IB Yr. 1)			
Senior Art Studio (IB Yr. 1)			
9th	10th	11th	12th
Art 1,2 or VAD 1,2	Drawing & Painting 1,2	AP Art Studio: D & P	IB Visual Art SL
Art 1,2 or VAD 1,2	Photography 1,2	Screen Printing 1,2	Screen Printing 3,4
Art 1,2 or VAD 1,2	D & P or C & D	AP Studio Art: 2-D	IB Visual Art SL
Art 1,2 or VAD 1,2	D & P or C & D	Senior Art Studio	IB Visual Art SL

\*C & D = Color & Design

\*D & P = Drawing & Painting

\*VAD = Visual Art & Design

## Music Sequence:

Band, Choir, Orchestra 1,2	Band, Choir, Orchestra 3,4	Band, Choir, Orchestra 5,6	Band, Choir, Orchestra 7,8
Band, Choir, Orchestra 3,4	Band, Choir, Orchestra 5,6	Band, Choir, Orchestra 7,8	
AP Music Theory			
Band, Choir, Orchestra 1,2	AP Music Theory	IB Music HL 1	
AP Music Theory	IB Music HL 1	IB Music HL 2	
9th	10th	11th	12th
Band 1,2	Band 3,4 & AP Music Th.	IB Music HL 1	IB Music HL 2

## Theatre Sequence:

Theatre 1,2	Theatre 3,4	Theatre 5,6	Theatre 7,8
Theatre 3,4	Theatre 5,6	Theatre 7,8	-
IB Theatre SL 1	IB Theatre HL 1	IB Film HL 1	IB Film HL 2
IB Theatre HL 1		IB Film HL 2	
9th	10th	11th	12th
Theatre 1,2	Theatre 3,4	IB Theatre SL 1	IB Theatre HL 1

## ***"g"*** College Prep Elective

**Two semester credits (1-Year) required.**

- The U.C. "g" elective is fulfilled by satisfying the district's requirement for a third year of science. No additional college prep elective is required for graduation. However, the University of California requires one year, two semester credits of a course approved specifically in the "g" subject area.

### **Grade 9:**

- AVID 9

### **Grade 10:**

- AVID 10

### **Grade 11:**

- AVID 11
- AP Seminar
- IB Theory of Knowledge 11

### **Grade 12:**

- AVID 12
- AP Research
- IB Theory of Knowledge 12
- AP Psychology

## ***"PE"*** Physical Education

### **Grade 9:**

- PE 1,2 Required

### **Grade 10:**

- PE 3,4

## ***"CCTE"*** College Career Technical Education

**No high school graduation requirement in this subject area.**

**San Diego High offers coursework in the following Industry sector pathways:**

- Arts, Media & Entertainment
- Information & Communication Technologies
  - Business & Finance
  - Engineering & Architecture
- Health Science & Medical Technology
  - Hospitality, Tourism & Recreation



# College Career Technical Education (CCTE)

## Industry Sectors

### **Arts, Media & Entertainment**

The arts, media and entertainment sector requires independent thinking and self-discipline. Using sight, sound and motion people in these careers enhance the lives around them. Internships in this program may occur in multimedia firms, theaters, and art studios.

### **Bridges Across Borders**

Bridges Across Borders, a new educational pathway at San Diego High School. An example of this pathway is the following field trip that students recently experienced. With the support of the Center for U.S.-Mexican Students at the UC San Diego School of Global Policy and Strategy, students attended the “Diplomacy Begins Here Regional Summit” where they discussed binational and cross border issues, solutions, and ideas.

Students were also provided the opportunity to travel to the Tijuana River National Estuarine Research Reserve. The reserve is Southern California's largest coastal wetland, encompassing Border Field State Park and the Tijuana Slough National Wildlife Refuge. This trip was the kickoff to their project-based learning project that focuses on understanding energy, water, and cross-border shared resources. Former State Senator Denise Ducheny, a major supporter of the Bridges Across Borders pathway, greeted the students and shared how the governments of US, Mexico, California, and SD County work together in the border region. Students then broke off to learn about the history of the region and the natural environment in the reserve.

This is just the beginning for 9th graders in the Bridges Across Borders pathway at San Diego High School. It's exciting to think about the impact these experiences will have on this class of 9th graders this year and what impact they will have on cross-border issues and more in the coming years.

### **Business & Finance**

The Business and Finance sector provides experience in accounting, investments, taxes, insurance, asset management, and handling money. Internships in this program may occur in financial institutions, accounting firms, or insurance companies.

### **Engineering & Technology (GeoTech Academy)**

The Engineering & Architecture sector is designed for students to explore design in the various engineering fields. Projects include hands-on-experiments, robotics, and building scaled models. Internships in this program may occur in engineering firms, architectural firms, and manufacturing firms.

### **Health Science & Medical Technology (MedTech Academy)**

The Health Science & Medical Technology sector is one of the fastest growing industries in San Diego County, and nationwide. Students can explore pathways that prepare them for fields in research, healthcare and operations, and physical therapy. Internships occur in hospitals, medical offices, and medical research laboratories.

### **Hospitality, Tourism, & Recreation (Culinary)**

The Hospitality, Tourism, & Recreation sector provides students with skills necessary to work in hotels, restaurants, theme parks, and other tourism related businesses. Internships in this program may occur in hotels, theme parks, or restaurants.

### **Information & Communication Technologies (iTech Academy)**

The Information and Communication Technologies sector provides students with analytical, design, and management skills. Topics include game design, cyber security, data analysis, and coding. Internships may occur in IT firms, defense firms, and in all industries.



SCHOOL	INDUSTRY SECTOR	FOUNDATION COURSE	INTERMEDIATE COURSE	ADVANCED COURSE
International Studies	Arts, Media & Entertainment	Video Production 1,2 (9th)	Broadcast Journalism 1,2 (10th - 12th)	Broadcast Journalism 3,4 (11th - 12th)
		Visual Art & Design 1,2 (9th)	Digital Arts & Mixed Media 1,2 (10th—12th)	Digital Arts & Mixed Media 3,4 (11th—12th)
Business & Leadership	Business & Finance (AOF)	Business 100 (9th)	Business Law (10th)	Business & Financial Markets 1,2 (12th)
			Business Management & Ownership 1,2 (10th - 12th)	Business Management & Ownership 3,4 (12th)
			Advanced Accounting 1,2 (10th—12th)	Economics & Finance 1,2 (11th)
Business & Leadership	Bridges Across Borders	Ethnic Studies (9th)		
		Business 100 (9th)	Entrepreneurship 1,2 (10th - 12th)	Entrepreneurship 3,4 (11th - 12th)
Business & Leadership	Hospitality, Tourism & Recreation (Culinary)	Food Preparation & Nutrition (9th - 10th)	Culinary Arts Management 1,2 (10th - 12th)	Culinary Arts Management 3,4 (10th - 12th)
Science & Technology	Engineering & Technology (GeoTech)	Intro to Design (10th)  UCCI Green Up & Go (9th)	Principles of Engineering (11th)	Computer-Integrated Manufacturing (12th)
Science & Technology	Health Science & Medical Technology (MedTech)		Human Body Systems (10th)	Biomedical Innovations (12th)
			Principles of Biomedical Science (9th)	Medical Interventions (11th)
Science & Technology	Information & Communication Technologies (iTech)	Intro to Computer Science Discoveries	AP Computer Science Principles	Website Design 1,2
			Game Design 1,2	Game Design 3,4

# "IB" International Baccalaureate Program

## Grade 9:

- AVID 9
- English 1,2 CL
- Integrated Math
- Biology 1,2
- World Language
- Elective
- Visual & Performing Art
- PE

## Grade 10:

- AVID 10
- English 3,4 Advanced
- Integrated Math
- Honors Chemistry
- AP World History
- World Language
- Elective
- PE

## Grade 11/12:

### Diploma Student

- AVID
- IB English
- IB Math
- IB Science
- AP U.S. History
- IB World Language
- IB Elective
- IB Theory of Knowledge

## Grade 11/12:

### Coursework Student

- AVID
- IB English, H Am. Lit./ AP Eng./City College English
- IB or AP Math
- IB or AP Science
- AP or IB History or City College
- IB or AP World Language
- Elective
- Theory of Knowledge

# "AP" AP Capstone

## AP Seminar

As a group, students will investigate issues from multiple perspectives, collect, and analyze information through a team project and present their findings with oral defense

Individual group members are then asked to submit a written essay exploring the perspective of their choosing

## AP Research

Independently research a topic to produce and defend a scholarly academic thesis which includes a 5,000 word research paper and a presentation or exhibition with oral defense

## AP Capstone Diploma™ or the AP Seminar and Research Certificate™

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™

Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™

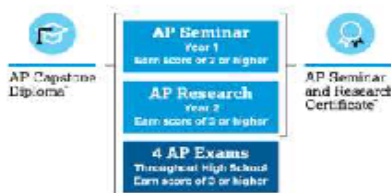
## What is AP Capstone?

AP Capstone is an innovative program that equips students with college level attributes such as independent research, collaborative teamwork, and interpersonal as well as interpersonal communication skills through varied assessments

AP Capstone is a two year program composed of two distinct courses:

Year 1: AP Seminar

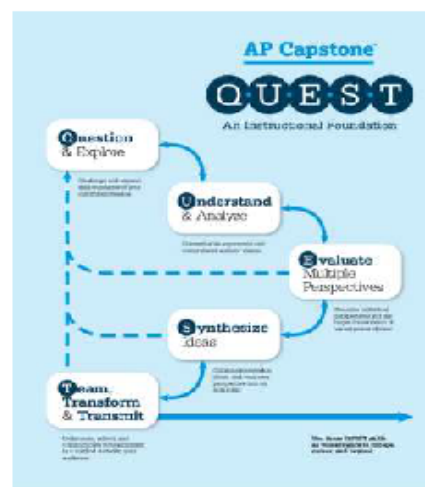
Year 2: AP Research



Over the course of the two-year program, students are required to:

- Analyze topics through multiple lenses to construct meaning or gain understanding.
- Plan and conduct a study or investigation.
- Propose solutions to real-world problems.
- Plan and produce communication in various forms.
- Collaborate to solve a problem.

"AP Capstone helps students develop key skills that they will use over and over in college: conducting research and communicating their results"  
- Stu Schmill, Dean of Admissions and Student Financial Services, Massachusetts Institute of Technology



"AP Capstone has given me skills that helped me easily adjust to the college environment"  
- Destini, Temple University

