



# Academy of the Canyons Ed-Plan

## Pathway in Sustainability & the Environment

### Mathematics & Physics Emphasis



VISIT [AOCHELPHINGHAND.ORG](http://AOCHELPHINGHAND.ORG)  
FOR MORE INFO REGARDING  
SPECIFIC PATHS AT AOC!

High School Classes							
9th Grade		10th Grade		11th Grade		12th Grade	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
<ul style="list-style-type: none"> <li>• H Eng 9A</li> <li>• Biology</li> <li>• *HA2T/Alg I</li> <li>• Seminar</li> <li>• Health</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 9B</li> <li>• Biology</li> <li>• *HA2T/Alg I</li> <li>• Seminar</li> <li>• Human Geo</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 10A</li> <li>• H Chemistry</li> <li>• H Mod Civ.</li> <li>• Advisement</li> <li>• *Math</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 10B</li> <li>• H Chemistry</li> <li>• H Mod Civ.</li> <li>• Advisement</li> <li>• *Math</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 11A</li> <li>• H US Hist.</li> <li>• Math/*Elect.</li> <li>• Advisement</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 11B</li> <li>• H US Hist.</li> <li>• Math/*Elect.</li> <li>• Advisement</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 12A</li> <li>• H Gov.</li> <li>• *Elective</li> <li>• Advisement</li> </ul>	<ul style="list-style-type: none"> <li>• H Eng 12B</li> <li>• H Gov.</li> <li>• *Elective</li> <li>• Advisement</li> </ul>
		*MATH is taken at either AOC or COC		*Elective: Consider Student Tutoring, or science-related elective.		*Elective: Consider Student Tutoring, or science-related elective.	
College Classes							
<ul style="list-style-type: none"> <li>• PE</li> <li>• CAWT-140</li> </ul>	<ul style="list-style-type: none"> <li>• PE</li> <li>• COUNS-110</li> </ul>	<ul style="list-style-type: none"> <li>• PE</li> <li>• IGETC 3 Art</li> <li>• *MATH-104</li> </ul>	<ul style="list-style-type: none"> <li>• PSYCH-101</li> <li>• *MATH-211</li> </ul>	<ul style="list-style-type: none"> <li>• LANG-101</li> <li>• MATH-212</li> </ul>	<ul style="list-style-type: none"> <li>• MATH-213</li> <li>• PHYS-220</li> </ul>	<ul style="list-style-type: none"> <li>• MATH-214</li> <li>• PHYS-221</li> </ul>	<ul style="list-style-type: none"> <li>• PHYS-222</li> <li>• MATH-215</li> <li>• ENGL-103</li> </ul>
		*MATH is taken at either AOC or COC					
<b>SUMMER</b> <ul style="list-style-type: none"> <li>• Geometry</li> <li>• PE</li> </ul>		<b>SUMMER</b> <ul style="list-style-type: none"> <li>• SOCI-101</li> <li>• ANTHRO 103</li> </ul>		<b>WINTER</b> <ul style="list-style-type: none"> <li>• HIST 111</li> </ul>	<b>SUMMER</b> <ul style="list-style-type: none"> <li>• HIST-112</li> <li>• <b>CMPSCI-111/235</b></li> </ul>	<b>WINTER</b> <ul style="list-style-type: none"> <li>• ENGL-101</li> </ul>	

Degrees/Certifications Earned: Liberal Arts & Sciences AA (Math & Science Emphasis), Math AS, Math AS-T, Physics AS-T

**RED = Optional, yet helpful classes for prospective engineer majors**

CAWT-140 = Microsoft Office Programs

COUNS-110 = Strategies for Success

MATH-104 = Precalculus

PSYCH-101 = Intro to Psychology

MATH-211 = Calculus I

LANG-101 = Intro Spanish, French, German, or ASL

MATH-212 = Calculus II

MATH-213 = Calculus III

PHYS-220 = Mechanics of Solids and Fluids

MATH-214 = Linear Algebra

PHYS-221 = Electricity and Magnetism

PHYS-222 = Wave Motion, Heat, & Optics

MATH-215 = Differential Equations

ENGL-103 = Crit. Reading & Writing