

Meeting High School and College Requirements at COA

2018-2019

Subject	HIGH SCHOOL	UC / CSU	IGETC	AA Gen Ed
A. History / Social Science	<p style="text-align: center;">3 years of History</p> <ol style="list-style-type: none"> MW History (ASTI) US History (ASTI) American Government (Political Science 1) Economics (ASTI) 	<p style="text-align: center;">2 years of History</p> <p style="text-align: center;">See High School Requirements</p>	<p style="text-align: center;">Area 4: Social and Behavioral Sciences (3 sem)</p> <ol style="list-style-type: none"> Political Science 1 Any other Area 4 class Any other Area 4 class <p style="text-align: center;"><i>3 courses from 2 subjects</i></p>	<p style="text-align: center;">Area 4 (IGETC): Social and Behavioral Sciences (3 sem)</p> <p style="text-align: center;">See IGETC</p>
B. English	<p style="text-align: center;">4 years of English</p> <ol style="list-style-type: none"> English 9 (ASTI) English 10 (ASTI) English 201A OR 1A English 201B, 1A, OR 5 	<p style="text-align: center;">4 years of English</p> <p style="text-align: center;">See High School Requirements</p> <p style="text-align: center;">English 1A (COA) English 5 (COA)</p>	<p style="text-align: center;">Area 1: English Communication (UC: 2 sem of English CSU: 3 sem of English)</p> <ol style="list-style-type: none"> English 1A English 5 Comm 1A: CSU Only 	<p style="text-align: center;">Area 1: English Communication (IGETC) (UC: 2 sem of English CSU: 3 sem of English)</p> <p style="text-align: center;">See IGETC</p>
C. Math	<p style="text-align: center;">2 years of Math</p> <ol style="list-style-type: none"> Algebra 1 (ASTI) Geometry (ASTI) Algebra 2 (ASTI) PreCal (ASTI) 	<p style="text-align: center;">3 years of Math, 4 Rec.</p> <p style="text-align: center;">See HS Requirements</p> <ol style="list-style-type: none"> Math 13: stats Math 2: Pre-calculus Math 3A: Calculus 1 (COA science may have math prerequisite.) 	<p style="text-align: center;">Area 2: Math Concepts and Reasoning (1 sem)</p> <ol style="list-style-type: none"> Precalculus w/Geometry or HIGHER (Math 13: Stats meets requirement) (Math 1 or HIGHER) 	<p style="text-align: center;">Area 2 (IGETC): Math Concepts and Reasoning (1 sem)</p> <p style="text-align: center;">See IGETC</p>
D. Lab Science	<p style="text-align: center;">2 years of Science</p> <p style="text-align: center;"><i>Biological Science</i></p> <ol style="list-style-type: none"> Biology (ASTI) <p style="text-align: center;"><i>Physical Science</i></p> <ol style="list-style-type: none"> Physics (ASTI) 	<p style="text-align: center;">2 years of Biological and Physical Lab Science required, 3 Rec.</p> <p style="text-align: center;">See HS Requirements</p> <p style="text-align: center;">Chemistry 30A (COA) Chemistry 1A (COA)</p> <p style="text-align: center;">*All must include lab ASTI strongly encourages a 4th year of science, esp. for engineering/pre-med/comp sci students.</p>	<p style="text-align: center;">Area 5: Physical and Biological Science (2 sem*)</p> <ol style="list-style-type: none"> <i>Physical Science:</i> Chem 30A (L), Physics 4A <i>Biological Science:</i> Anthro 1/1L, Bio 1A(L) or Bio 1B(L), Bio 10(L) <p style="text-align: center;">*at least 1 must include lab</p>	<p style="text-align: center;">Area 5 (IGETC): Physical and Biological Science (2 sem*)</p> <p style="text-align: center;">See IGETC</p>
E. Foreign Language	<p style="text-align: center;">1 year of Foreign Language and 1 year of Art</p> <p style="text-align: center;">FOREIGN LANGUAGE:</p> <ol style="list-style-type: none"> Spanish 1 (ASTI) Spanish 2 (ASTI) Spanish 3 (ASTI) 	<p style="text-align: center;">2 years of Same Foreign Language, 3 Rec.</p> <p style="text-align: center;">Spanish 1 Spanish 2 Spanish 3</p>	<p style="text-align: center;">Area 3: Arts and Humanities (3 sem)</p> <p style="text-align: center;">ART:</p> <ol style="list-style-type: none"> Art 1, 2, 3, OR 4 Music 9, 10, 15A, OR 15B 	<p style="text-align: center;">Area 3: Arts/Humanities (3 sem)</p> <p style="text-align: center;">See IGETC</p>
F. Visual and Performing Arts	<p style="text-align: center;">ART:</p> <ol style="list-style-type: none"> Art 1 Music 1A Music 15A or 15B 	<p style="text-align: center;">1 year Visual and Performing Arts</p> <p style="text-align: center;">See High School Requirement</p>	<p style="text-align: center;">HUMANITIES:</p> <ol style="list-style-type: none"> Chin 10B, 11A, OR 11B English 1B German 1B Humanities 1, 2, OR 3 Spanish 1B Vietnamese 2A or 2B Philosophy 1 or 2 	<p style="text-align: center;">Area 5 (AA Gen Ed): Ethnic Studies (1 sem)</p> <p style="text-align: center;">Afro-Am 5, Asian-Am 45A or 45B, History 17, Sociology 5, Music 15A OR 15B, Psych 18</p>
G. Electives	<p style="text-align: center;">7 years of Electives</p> <ol style="list-style-type: none"> Current Life Issues (ASTI) ALL other Junior and Senior ASTI classes 	<p style="text-align: center;">1 year of College Prep Elective</p> <p style="text-align: center;">Any "A-G" approved COA course</p>	<p style="text-align: center;"><i>Min. 1 course from Arts, & 1 course from Humanities</i></p>	<p style="text-align: center;">Area 4 (AA Gen Ed): Language and Rationality (1 sem)</p> <p style="text-align: center;">4c. Computer Literacy: MOST Computer Info Systems classes over 1 unit</p>

*Note: IGETC/AA Requirements subject to change—see COA counselor to verify requirements during 11th & 12th grade