

## General Education Pattern for Associate of Science (AS) Degree

- Courses may be listed in more than one area but will NOT be certified more than once, unless otherwise stated.
- For a course to meet an AA requirement, the course must be on the AA pattern during the academic year it is taken.

<b>Language and Rationality</b> <b>English Composition</b> Select 1 course; at least 3 units required • Complete with a grade of 'C' or higher or 'P'	<b>2. Complete one of the mathematics courses listed below at Las Positas College (with a grade of "C" or higher or "P").</b>	<b>PHYS 2A</b> Introduction to Physics I <b>PHYS 10</b> Descriptive Physics <b>PHYS 10L</b> Descriptive Physics Lab <b>PSYC 4</b> Brain, Mind and Behavior
<b>Communication and Analytical Thinking</b> Select at least 1 course; at least 3 units required	<b>3. Submit Documentation showing completion of one of the mathematics courses listed below (or equivalent) at another institution (with a grade of "C" or higher or "P").</b>	<b>Humanities</b> Select at least 1 course; at least 3 units required
<b>ASL 1A</b> American Sign Language I <b>ASL 1B</b> American Sign Language II <b>BUSN 48</b> Human Relations in Organizations <b>BUSN 52</b> Business Communications <b>CIS 50</b> Intro to Computing Info Tech <b>CMST 1</b> Fundamentals of Public Speaking <b>CMST 2</b> Oral Interpretation of Literature <b>CMST 4</b> Intro. to Communication Studies <b>CMST 10</b> Interpersonal Communication <b>CMST 46</b> Argumentation and Debate <b>CMST 48</b> Activities in Forensics <b>CS 1</b> Computing Fundamentals I <b>CS 17</b> Discrete Mathematical Structures <b>FREN 1A</b> Beginning Spanish <b>FREN 1B</b> Elementary Italian <b>ITLN 1A</b> Beginning Italian <b>ITLN 1B</b> Elementary Italian <b>MSCM 1</b> Introduction to Reporting & Newswriting <b>MSCM 32A</b> Introduction to Radio Production <b>MATH 1</b> Calculus I <b>MATH 2</b> Calculus II <b>MATH 3</b> Multivariable Calculus <b>MATH 5</b> Ordinary Differential Equations <b>MATH 7</b> Elementary Linear Algebra <b>MATH 10</b> Discrete Mathematical Structures <b>MATH 30</b> College Algebra for STEM <b>MATH 33</b> Finite Mathematics <b>MATH 34</b> Calculus for Business and Social Sciences <b>MATH 39</b> Trigonometry <b>MATH 40</b> Statistics and Probability <b>MATH 47</b> Mathematics for Liberal Arts <b>MATH 50</b> Intermediate Algebra for SLAM <b>MATH 52B</b> Technical Int. Algebra for Automotive Tech. B <b>MATH 53B</b> Technical Intermediate Algebra for Welding B <b>MATH 55</b> Intermediate Algebra for BSTEM <b>MATH 55B</b> Intermediate Algebra for BSTEM B <b>NMAT 250</b> Intermediate Algebra for SLAM <b>NMAT 255</b> Intermediate Algebra for BSTEM	<b>Natural Sciences</b> Select at least 1 course; at least 3 units required	<b>ANTR 14</b> Intro. to Archaeological History of Mesoamerica <b>ASL 2A</b> American Sign Language III <b>ASL 2B</b> American Sign Language IV <b>ARHS 1</b> Introduction to Art History <b>ARHS 2</b> Art of the Ancient Americas <b>ARHS 4</b> Western Art History - Ancient to Medieval <b>ARHS 5</b> Western Art History - Renaissance to Contemporary <b>ARHS 7</b> Modern Art History <b>ARHS 8</b> Asian Art History <b>ARTS 2A</b> Introduction to Drawing <b>ARTS 10</b> Design and Materials <b>ARTS 23</b> 2-D Design <b>CMST 2</b> Oral Interpretation of Literature <b>CMST 5</b> Readers Theater <b>CMST 11</b> Intercultural Communication <b>ENG 11</b> Introduction to Creative Writing <b>ENG 12A</b> The Craft of Writing Fiction <b>ENG 12B</b> The Craft of Writing Fiction: Intermediate <b>ENG 13A</b> Introduction to the Craft of Writing - Poetry <b>ENG 13B</b> The Craft of Writing Poetry: Intermediate <b>ENG 20</b> Studies in Shakespeare <b>ENG 32</b> U.S. Women's Literature <b>ENG 35</b> Modern American Literature <b>ENG 41</b> Modern World Literature <b>ENG 42</b> Literature of the African Diaspora in America <b>ENG 44</b> Literature of the American West <b>ENG 45</b> Studies in Fiction <b>FREN 2A</b> Intermediate French I <b>GDDM 3</b> The History of Modern Design <b>GDDM 70</b> Photoshop and Lightroom for Photographers* <b>HIST 1</b> Western Civilization to 1600 <b>HIST 2</b> Western Civilization since 1600 <b>HIST 14</b> History and American Cultures of California <b>HIST 25</b> American Indian History <b>HIST 28</b> History of the American West <b>HIST 32</b> U.S. Women's History <b>HUMN 3</b> Introduction to Humanities <b>HUMN 4</b> Global Cinemas <b>HUMN 6</b> Nature and Culture <b>HUMN 7</b> Contemporary Humanities <b>HUMN 10</b> American Arts and Ideas <b>HUMN 11</b> Culture and Arts I: Ancient World to Renaissance <b>HUMN 12</b> Culture and the Arts II: The Modern World <b>HUMN 28</b> World Mythology <b>HUMN 44</b> Narrative Film and Film Music <b>MUS 1</b> Introduction to Music <b>MUS 3</b> World Music <b>MUS 4</b> Jazz in American Culture <b>MUS 5</b> American Cultures in Music <b>MUS 6</b> Basic Music Skills <b>MUS 12</b> Wind Ensemble <b>MUS 13</b> History of Rock & Roll <b>MUS 14</b> Jazz Workshop <b>MUS 19</b> Studies in Music Composition <b>MUS 20A</b> Elementary Guitar <b>MUS 21A</b> Beginning Piano <b>MUS 23A</b> Elementary Voice I <b>MUS 33</b> Study of Voice
<b>Mathematics</b> Proficiency in Mathematics may be met in one of the following ways: <b>1. Submit Documentation showing completion of Algebra 2 or Integrated Math 3 in High School with a 'C' or higher, an AP score of 3 or</b>	<b>higher, an IB score of 4 or higher, or a CLEP score of 50 or higher.</b>	

\* Students must take both the A and B to meet this area

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<p>MUS 34 Music in Film MUS 37 Music Industry Career Development MUS 38 Applied Lesson MUS 44 Concert Choir MUS 45 Chamber Choir MUS 46A Beginning Jazz Choir MUS 46B Advanced Jazz Choir PHIL 1 God, Nature, Human Nature PHIL 1H Honors Philosophy 1: God, Nature, Human Nat. PHIL 2 Ethics PHIL 2H Honors Philosophy 2: Ethics PHIL 3 Aesthetics PHIL 4 Intro to Philosophy: Knowledge PHIL 5 Feminist Philosophy PHTO 67 History of Photography PHTO 70 Photoshop and Lightroom for Photographers* RELS 1 Religions of the World RELS 2 Bible: History and Literature RELS 3 Intro to Women's Spirituality RELS 11 The Nature of Islam SPAN 2A Intermediate Spanish I SPAN 21 Spanish for Bilingual Spanish Speakers I SPAN 22 Spanish for Bilingual Spanish Speakers II SPAN 23 Introduction to Hispanic Literature THEA 1A Theory/Practice of Acting I THEA 1B Theory/Practice of Acting II THEA 4 American Cultures in Theater THEA 5 Theater for Young Audiences THEA 10 Introduction to Dramatic Arts THEA 11 Stage to Screen THEA 12 Film As Art &amp; Communication THEA 14 Bay Area Theatre WLDT 71 Welding for the Arts * GDDM 70 + PHTO 70 maximum credit 1 course</p>	<p>ANTR 6 Anthropology of Sex and Gender ANTR 7 Native American Cultures of North America ANTR 8 World Prehistory in Archaeological Perspective ANTR 12 Magic/Religion/Witchcraft/Healing ANTR 13 Introduction to Forensic Anthropology ANTR 14 Introduction to the Arch. History of Mesopo. BUSN 18 Business Law BUSN 20 International Business BUSN 30 Business Ethics and Society CMST 3 Group Communication ECE 15 Abnormal Child Psychology ECE 62 Child, Family and Community ECE 79 Teaching in a Diverse Society ECON 1 Principles of Microeconomics ECON 2 Principles of Macroeconomics ECON 5 Economic History of the United States ECON 10 General Economics GEOG 1 Introduction to Physical Geography GEOG 2 Cultural Geography GEOG 5 World Regional Geography GEOG 12 Geography of California GEOG 15 Introduction to GIS GS 1 Introduction to Global Studies GS 2 Global Issues HIST 14 History and American Cultures of California HIST 25 American Indian History HIST 28 History of the American West HIST 32 U.S. Women's History MSCM 51 Introduction to Mass Communications MSCM 31 Introduction to Media PCN 3 Theories &amp; Concepts of Counseling: An Introduction PCN 5 Introduction to Social Work &amp; Human Services PCN 13 Multicultural Issues in Contemporary America POLI 7 Introduction to American Government POLI 12 Intro. to California State and Local Government POLI 20 Comparative Government POLI 25 Introduction to Political Theory POLI 30 International Relations PSYC 1 General Psychology PSYC 3 Introduction to Social Psychology PSYC 4 Brain, Mind and Behavior PSYC 6 Abnormal Psychology PSYC 12 Life-span Psychology PSYC 13 Psychology of Women PSYC 15 Abnormal Child Psychology PSYC 17 The Psychology of Sleep and Dreams PSYC 21 Intro. to Cross-Cultural Psychology PSYC 25 Research Methods PSYC 27 Introduction to Cognitive Science SOC 1 Principles of Sociology SOC 3 Cultural and Racial Minorities SOC 4 Marriage and Family Relations</p>	<p>SOC 5 Introduction to Global Studies SOC 6 Social Problems SOC 11 Sociology of Gender SOC 12 Popular Culture SOC 13 Research Methods WMST 1 Introduction to Women's Studies WMST 2 Global Perspective of Women</p> <p><b>Kinesiology</b> Select at least 1 course; at least 1 unit required • <i>Exemption from the Kinesiology requirement is allowed for illness or physical disability by filing a physician's statement at the Admissions &amp; Records Office or for students who hold an AA/AS Degree or higher.</i> • <i>The Kinesiology requirement may be waived for Veterans with a DD214 - honorable discharge.</i></p> <p>DANC 2A Jazz Dance Fundamentals/Beginning DANC 2B Jazz Dance Beginning/Intermediate DANC 3A Ballet Fundamentals/Beginning DANC 4A Modern/Contemporary Dance A DANC 4B Modern/Contemporary Dance B DANC 5A Dance Composition 5A DANC 5B Dance Composition 5B DANC 6A Dance Prod.-Choreography A DANC 6B Dance Prod.-Choreography B FST FSC1 Fire Service Con. &amp; Phys. Agility Development 1 FST FSC2 Fire Service Con. &amp; Phys. Agility Development 2 Any Kinesiology Intercol. Athletics Course (KIN 31A-65) Any Kinesiology Activity Course (KIN AAE-ZUM1)</p> <p><b>American Cultures</b> Complete 1 course with a grade of 'C' or higher or 'P' • <i>Where appropriate, the course can simultaneously satisfy 1 other graduate or subject area requirement.</i></p> <p>ANTR 5 Cultures of the U.S. in Global Perspective ANTR 7 Native American Cultures of North America CMST 11 Intercultural Communication ENG 44 Literature of the American West ECE 79 Teaching in a Diverse Society HIST 14 History and American Cultures of California HIST 28 History of the American West HIST 32 U.S. Women's History MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 13 History of Rock &amp; Roll PCN 3 Theories &amp; Concepts of Counseling: An Introduction PCN 13 Multicultural Issues in Contemporary America POLI 12 Intro. to California State and Local Government SOC 3 Cultural and Racial Minorities THEA 4 American Cultures in Theater WMST 1 Introduction to Women's Studies</p>
<p><b>Program-Based General Education Requirement</b> At least 3 units required</p>		
<p>You will need 1 course to satisfy this area. The course is specific to each A.S. Degree Major; see the 2019-20 Catalog or the A.S. program coordinator.</p>		
<p><b>Social and Behavioral Sciences</b> Select 1 course; at least 3 units required</p>		
<p>AJ 50 Intro to Admin of Justice AJ 60 Criminal Law AJ 66 Juvenile Procedures ANTR 1 Biological Anthropology ANTR 2 Introduction to Archaeology ANTR 3 Cultural Anthropology ANTR 4 Language and Culture ANTR 5 Cultures of the U.S. in Global Perspective</p>		
<p><b>Graduation Requirements</b></p>		
<ol style="list-style-type: none"> <li>1. Complete a minimum of 60 units with a cumulative grade point average of 2.0 or better.</li> <li>2. Complete a minimum of 12 units at Las Positas College.</li> <li>3. Complete all General Education (GE) Requirements for the Associate of Science Degree.</li> <li>4. Select a major and complete all major requirements plus GE and electives to total 60 units.</li> <li>5. All courses required for the Major must be completed with a 'C' or 'P.'</li> </ol>		