

# Las Positas College General Education Pattern for Associate in Science Degree

2007 – 2008 (Effective Fall 2007)

USE THE BOXES ON THE RIGHT TO RECORD YOUR PROGRESS: N= NEED      IP=IN PROGRESS      C=COMPLETED	N	IP	C
<b>LANGUAGE AND RATIONALITY</b>			
<b>ENGLISH COMPOSITION</b> Complete 1 course from below <span style="float: right;"><b>3 UNITS</b></span>			
English 1A, English as a Second Language 25			
<b>COMMUNICATION AND ANALYTICAL THINKING</b> Complete 1 course from below <span style="float: right;"><b>3 UNITS</b></span>			
American Sign Language 1A, 1B      Electronics Technology 50      Mathematics 1, 2, 20, 33, 34, 36, 38, Business 52, 55      Foreign Language 1A, 1B      41, 42A, 44, 45, 55, 55A, 55B, 57, CIS 50, 80      Industrial Technology 74      65, 65B, 71 Computer Science 1      Mass Communications 1, 32      Speech 1, 2B, 10, 46 Theater Arts 3, 25			
<b>MATHEMATICS</b> Proficiency in Mathematics may be met in one of the ways specified below			
1. Demonstrate eligibility for intermediate algebra using multiple measures such as the LPC Placement Examination and previous course work; or 2. Submit documentation that a course equivalent to one of the mathematics courses listed below has been completed (with a grade of "C" or higher or "CR") at another college/university; or 3. Complete one of the following courses (with a grade of "C" or higher or "CR"): Mathematics 1, 2, 20, 33, 34, 36, 38, 41, 42A, 44, 45, 55, 55A, 55B, 57, 65, 65B, 71, Business 55, Electronics Technology 50 or Industrial Technology 74			
<b>NATURAL SCIENCES</b> Complete 1 course from below <span style="float: right;"><b>3 UNITS</b></span>			
<i>* Meets either the Natural Sciences or Social and Behavioral Sciences requirement</i>			
Anatomy 1      Botany 1      Microbiology 1 Anthropology 1L, 13*      Chemistry 1A, 30A, 31      Physics 2A, 8A, 10, 10L Astronomy 1, 10, 20, 30      Ecology 10      Physiology 1 Biology 1, 5, 10, 20, 31, 50      Geography 1*, 1L, 8, 15*      Psychology 20* Biotechnology 1      Geology 1, 1L, 3, 3L, 12, 12L      Zoology 1			
<b>HUMANITIES</b> Complete 1 course from below <span style="float: right;"><b>3 UNITS</b></span>			
<i>* Meets Humanities and/or American Cultures requirement</i>			
American Sign Language 2A      History 1, 2      Photography 67 Art 1, 2A, 3A, 4, 5, 10      Humanities 1, 3, 7, 10, 28, 35, 40, 44      Religious Studies 1, 2, 11 Creative Arts 10      Music 1, 2, 4*, 5*, 12, 14, 43, 44, 45,      Speech 2A, 5, 11* English 11, 12, 13, 20, 23, 27, 32,      46A, 46B      Spanish 2A 44*, 45      Philosophy 1, 2, 3, 4, 5, 7, 25      Theater Arts 1A, 1B, 4*, 10, 12, 47, 48 French 2A			
<b>SOCIAL AND BEHAVIORAL SCIENCES</b> Complete 1 course from below <span style="float: right;"><b>3 UNITS</b></span>			
<i>* Meets Social &amp; Behavioral Sciences and/or American Cultures requirement</i>			
<i>** Meets either Natural Sciences or Social &amp; Behavioral Sciences requirement</i>			
Anthropology 1, 2, 3, 5*, 12, 13*      Economics 1, 2, 5, 10      Political Science 7, 20, 25, 30 Business 30      Geography 1**, 2, 5, 12, 15**      Psychology 1, 2, 3, 4, 15, 20* Early Childhood Development 15,      History 25, 28*, 32*      Psychology-Counseling 13* 51, 62      Mass Communications 5      Sociology 1, 3*, 4, 11			
<b>PHYSICAL EDUCATION</b> Complete 1 unit from below* <span style="float: right;"><b>1 UNIT</b></span>			
PE 1, 2, 3, 4, 12, 30-48 or Dance 1			
<i>*Exemption is allowed for illness or physical disability by filing a physician's statement at the Admissions &amp; Records Office. Students who hold an AA/AS Degree or higher are exempt.</i>			
<b>AMERICAN INSTITUTIONS OR HEALTH</b> Complete 1 course from below <span style="float: right;"><b>3 UNITS</b></span>			
Health 1 or History 7, 8, 14, 25, 28, 32 or Political Science 7			
<b>AMERICAN CULTURES</b> Complete 1 course from below with a grade of 'C' or higher or 'CR' <span style="float: right;"><b>3 UNITS</b></span>			
<i>Where appropriate, the course can simultaneously satisfy 1 other graduation or subject requirement</i>			
Anthropology 5      History 14, 28, 32      Sociology 3 English 44      Music 4, 5      Speech 11 Psychology-Counseling 13      Theater Arts 4			
<b>LAS POSITAS COLLEGE ASSOCIATE IN SCIENCE DEGREE GRADUATION REQUIREMENTS</b>			
1. Minimum of 60 units with a grade point average of 2.0 or better (12 units must be completed at Las Positas College).			
2. All requirements for the Major (minimum of 18 units) plus electives to total 60 units.			
3. General Education Requirements for the Associate in Science Degree listed above.			

# Transfer and Occupational Degree and Certificate Programs

PROGRAM NAME	AA/AS	AA	AS	CERTIFICATE	2006-2008 Catalog Page #
	TRANSFER PROGRAMS	OCCUPATIONAL PROGRAMS**			
Administration of Justice**	√	√			67
Art (Emphasis in Painting)	√				74
Automotive Electronics Technology**			√		78
Automotive Service Technician**				√	78
Automotive Technician**				√	79
Biology	√				81
Business Studies					
Business (General)					
Accounting Technician**				√	88
Administrative Assistant**		√		√	86
Business**			√		86
Business Administration	√				87
Business Entrepreneurship**		√		√	87
Business Workforce Proficiency**				√	90
Retail Management**				√	90
Marketing					
Marketing**		√			93
Retailing**				√	94
Supervision					
Supervisory Management**				√	95
Chemistry	√				97
Computing Studies					
Computer Information Systems					
Computer Information Systems**		√			101
Computer Applications Software (MICROCOMPUTERS)**				√	102
Computer Networking Technology					
Cisco Network Associate**				√	107
Cisco Network Professional**				√	107
Computer Network Technician**				√	107
Computer Network Administration (Microsoft)**				√	107
Network Security and Administration**			√		106
Computer Forensics Examiner				√	
Network and Wireless Security				√	
Computer Science					
Computer Science	√				112
Computer Programming			√	√	112
Computer Programming for the Web			√	√	113
ECD-Early Childhood Development**		√			121
ECD-Associate Teacher Certificate**				√	121
ECD-Basic Teacher Certificate**				√	121
ECD-Family Childcare**				√	122
Electronics Telecommunications Systems**			√	√	127
Engineering	*see note				130
Fire Service Technology**			√	√	138
Horticulture**			√	√	154
Humanities (General)	√				158
Interior Design**			√	√	160
International Studies	√				162
Liberal Arts and Sciences (General)	√	√			165
Mass Communications: Journalism**				√	168
Music	√				174
Music - Beginning Piano Pedagogy**				√	174
Music - Intermediate Piano Pedagogy**				√	175
Occupational Safety and Health**			√	√	179
Photography**				√	182
Physical Education	√				184
Physical Education, Coaching**				√	185
Physical Education, Sports Medicine**				√	185
Physics	√				187
Psychology	√				190
Psychology/Counseling - Human Services				√	192
Science Technology**			√		195
Social Science (General)	√				196
Speech	√				197
Theater Arts	√				200
Vacuum Technology**			√	√	204
Visual Communications**		√		√	206
Viticulture and Winery Technology					
Viticulture**			√	√	210
Enology**			√	√	210
Viticulture and Enology**	*see note				210

\* Transfer Preparation Programs designed for transfer, and do not confer a degree.

\*\* Occupational Programs designed for direct job entry; however, many courses in these programs are transferable to many 4-year institutions. Students should consult a counselor for information.