



**Associate Degree (A.S or A.A)**  
 General Education Requirements  
 2013-2014  
 Subject to change each year  
 (Please consult with a counselor for additional information)

This document does not replace a Student Education Plan (SEP)

<b>A. LANGUAGE AND RATIONALITY</b> A minimum of 6 units must be distributed as follows: Select one course from A1 and one course from A2 or A3.		<b>C</b>	<b>IP</b>	<b>N</b>
<b>A1. English Composition</b> ENGL 115	<b>A2. Analytical Thinking</b> CIS 101; COMM 160; ENGL 116; GEOG 145, 150; RDG 158; MATH 60 or 65 (or any higher math course), 130; PHIL 103; PSYC/SOC 270 or <b>A3. Communication</b> COMM 103, 104, 174			
<b>B. NATURAL SCIENCES</b> A minimum of 3 units must be distributed as follows: Select one course. Underlined courses include lecture and laboratory.		<b>C</b>	<b>IP</b>	<b>N</b>
ANTH 101; ASTR 100, 120, 150, 170, 180, 205; BIOL 100, 130, 140, 145, 160, <u>170</u> , 180, 185, <u>190</u> , <u>193</u> , <u>210</u> , <u>211</u> , <u>212</u> , <u>260</u> , <u>261</u> , <u>265</u> ; CHEM <u>100</u> , <u>110</u> , 160, <u>170</u> , <u>200</u> , <u>210</u> , <u>240</u> , 244, <u>250</u> ; EHMT 100, GEOG 100, 130, 160, <u>GEOL</u> 100, 104; LNT 100; PHS 101, 110; PHS/PS 250; PHYS 170, 171, 172, 173, 174, 175, 270, 271, 272, 273, 274, 275				
<b>C. HUMANITIES</b> A minimum of 6 units must be distributed as follows: Select one course from C1 and one course from C2.		<b>C</b>	<b>IP</b>	<b>N</b>
<b>C1. Fine Arts</b> ARCH 208, 210; ART 100, 101, 104, 105, 107, 110, 112, 113, 116, 121, 129, 149, 150, 151, 156, 157, 160, 161, 170, 182, 185A, 185B; ART 130/TELE 113, ART/TELE 131, 132; COMM 111, 142; COMM/TELE 180; COMM 185/TELE 114; DANC 121, 200; +HUM 123; JOUR 171; MUS 105, 106, 107; MUS 155/RA&T 105, 195, 202; MUS/TELE 151/RA&T 120; TA 100, 101, 110, 120, 152; RA&T 120/TELE/MUS 151, RA&T 105/MUS 155; TA/TELE 115, 150, 152, 242; TELE 110, 163, 183, 233, 234; TELE 113/ART 130, TELE/ART 131, 132; TELE 114/COMM 185; TELE/COMM 180; TELE/MUS 151/RA&T 120; TELE/TA 115, 150, 242				
<b>C2. Cultural Studies</b> ASL 120, 130; CHIN 101, 102; ENGL <sup>^</sup> 120, <sup>^</sup> 130, <sup>^</sup> 140, 175A, 220, 225, 230, 231, 240, 241, 250, 251, 255, 256, 260, 265, 270, 271, 272, 273, 274, 280, 281; FREN 101, 102, 201, 202; +HIST 104, 105, 106, 107; HUM 101, 102, 104, +121, 140; HUM/TELE 112; ITAL 101, 102, 201, 202; JPN 101, 101A, 101B, 102, 201, 202; MAS/SOC 150; PHIL 101, 106, 107, 120; FIL 101, 102, 201; PORT 101, 102; SOC/MAS 150; SPAN 101, 101A, 101B, 102, 201, 202, 215, 216, 221, 225, 226, TELE/HUM 112				
<b>D. SOCIAL BEHAVIORAL SCIENCES</b> A minimum of 6 units must be distributed as follows: Select two courses from two different groups.		<b>C</b>	<b>IP</b>	<b>N</b>
<b>D1. Anthropology and Archaeology</b> ANTH 102, 103, 110, 112	<b>D2. Economics</b> BUS 121; ECON 100, 101, 102			
<b>D3. Ethnic Studies</b> AFRO/HIST 110, 111, AFRO/SOC 151; ASIA/HIST 112, 113, 114; ASIA/SOC 115; MAS/HIST 141, 142, MAS/SOC 150	<b>D4. Gender Studies</b> HIST 132; +HUM 120, 122; +SOC 105			
<b>D5. Geography</b> BIOL 143; GEOG 106, 120	<b>D6. History</b> HIST 100, 101, 104, 105, 106, 107, 121, 122, 132; HIST/AFRO 110, 111; HIST/ASIA 112, 113, 114; HIST/MAS 141, 142			
<b>D7. Interdisciplinary Social or Behavioral Science</b> CD 135, 170, 284; COMM 174, 176, COMM 200/JOUR 101; GEOG 150; PS/PHS 250	<b>D8. Political Science, Government and Legal Institutions</b> AJ 110, 111; PS 101, 102, 103, 104			
<b>D9. Psychology</b> PSYC 101, 106, PSYC/SOC 116, 211, 230, 250, 255, 260	<b>D10. Sociology and Criminology</b> AJ 114; SOC 101, 105, +106, +107, 110, SOC/PSYC 116, 135			

**NOTE:** SWC minimum required General Education units for completion of an Associate Degree.

**Legend:** C = Complete IP = In Progress N = Needed

A. Language and Rationality	7
B. Natural Sciences	3
C. Humanities	6
D. Social Behavioral Sciences	6
<b>TOTAL</b>	<b>22</b>

/	Same as course
^	Modified course name and/or number
+	New Courses
-	Underlined courses include lecture and laboratory

# ADDITIONAL GRADUATION AND PROFICIENCY REQUIREMENTS

## UNIT AND SCHOLARSHIP REQUIREMENT

Students must satisfactorily complete the following in order to meet associate degree requirements:

- A minimum of 60 units of degree level coursework.
- Satisfy all graduation requirements.
- Maintain a minimum 2.00 or higher grade point average for all Southwestern College general education coursework.
- All courses required for the major or area of emphasis must be completed with a "C" or better in each course.

## COMPUTER LITERACY REQUIREMENT

The Computer Literacy requirement can be satisfied by completion of one course, with a minimum grade of "C" or better or "P" pass-no pass formerly "Cr/NC" Credit/No Credit selected from the following:

ARCH 200	Introduction to Computer Aided Design
ART 159	Graphic Design-Layout
CAD 220	Introduction to CAD/CAM Systems
CHEM 180	Computational Methods in Chemistry
CL 120	Computer Literacy
CIS 101	Introduction to Computers and Information Processing
ENGR 120C	Engineering Problem Analysis - C/C++ Language
GEOG 145	Introduction to Mapping and Geographic Information Science
GEOG 150	Geographic Information Science and Spatial Reasoning
JOUR 200	Campus Newspaper Production I
JOUR 201	Campus Newspaper Production II
JOUR 202	Campus Newspaper Production III
LA 200	Introduction to Computer Aided Landscape Design
MATH 130	Introduction to Computer Programming
MUS/RA&T 100	Music Technology
MUS 155/ RA&T 105	Electronic Music

**NOTE:** Students who have a background in computers may substitute a more advanced computer course or may have the requirement waived by verified work experience in the computer field. The student must submit a Student Petition with the Admissions Center to be considered for a substitution or waiver. For (ADN) nursing majors the computer literacy requirement is met by completion of courses for the major.

## HEALTH EDUCATION REQUIREMENT

The Health Education requirement can be satisfied in one of the following ways:

- Completion of Health 101, 116 or 204 with a minimum grade of "C" or better or "P" pass-no pass formerly "Cr/NC" Credit/No Credit.
- Obtaining a satisfactory score on the health inventory test.
- Petitioning for military credit and providing the DD-214 or DD-295 form. (*Certain restrictions apply. See SWC Policy 6039 for details.*)

- Completion of courses for Nursing (VN and ADN) and Dental Hygiene majors.

**NOTE:** Students are not eligible to take the *Health Inventory* test after receiving an unsatisfactory grade in *Health 101*.

## EXERCISE SCIENCE REQUIREMENT

Students must satisfactorily complete two classes with a "C" or better or "P" pass-no pass formerly "Cr/NC" Credit/No Credit in exercise science, dance, or one of each. A student is exempt from this requirement under any of the following circumstances:

- The student presents a physician's statement detailing a physical disability that would prevent them from participating in an adaptive exercise science activity class.
- The student provides verification of graduation from a two-year or four-year college or university.
- The student provides a military form (DD-214 or DD-295) showing at least one year of active duty (The College will grant two units of credit for exercise science).
- The student has taken the majority of classes as an evening student at Southwestern College (online classes are considered evening courses).
- The student has been accepted and has enrolled with the ADN (Associate Degree Nursing Program).

The following courses **DO NOT** fulfill the exercise science activity requirement for graduation:

DANC 200	Dance History and Appreciation
ES/T 200	Physical Education for Elementary School
ES/T 202	Introduction to Kinesiology
ES/T 204	Theory and Technical Analysis of Offensive Football
ES/T 205	Theory and Technical Analysis of Defensive Football
ES/T 206AB	Theory and Technical Analysis of Offensive Basketball
ES/T 207AB	Theory and Technical Analysis of Defensive Basketball
ES/T 250	Prevention and Care of Athletic Injuries

## PROFICIENCY REQUIREMENTS

### *Writing Proficiency Requirement*

The English Writing Proficiency requirement can be satisfied by completion of one course, with a minimum grade of "C" or better or "P" pass-no pass formerly "Cr/NC" Credit/No Credit in the following course:

ENGL 115	Reading and Composition: Exposition and Argumentation
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**NOTE:** The above course will also satisfy the General Education requirements for the following:

- Southwestern College - Area A1: English Composition.
- The California State University General Education Breadth Requirements – Area A2: Written Communication.
- The Intersegmental General Education Transfer Curriculum (IGETC) – 1A: English Composition.

### *Reading Proficiency Requirement*

Reading proficiency can be satisfied in one of the following ways:

- Completion of Reading 158 or ENGL 115 with a minimum grade of "C" or better or "P" pass-no pass formerly "Cr/NC" Credit/No Credit. Satisfactory score on the Southwestern College Reading Assessment examination.

## *Mathematics Proficiency Requirement*

Mathematics proficiency can be satisfied in one of the following ways:

- Completion of MATH 60 (Intermediate Algebra I) or a higher numbered math course with a minimum grade of "C" or better or "P" pass-no pass formerly "Cr/NC" Credit/No Credit.
- Mathematics assessment results that indicate eligibility for MATH 70 (Intermediate Algebra II) or a higher numbered math course.

Students are encouraged to satisfy the mathematics proficiency through coursework and to pursue mathematics education beyond the minimum proficiency level required for the associate degree. Transfer students should be aware that the California State University (CSU) and the University of California (UC) entry level math examinations require proficiency above the level of Intermediate Algebra (MATH 60, 65 or 70).

The Southwestern College Mathematics Assessment may be taken throughout the year. It is advised that students take the test(s) as soon as possible before or following enrollment. Educational review can be arranged for students who are deficient in mathematics. However, it is the responsibility of each student to arrange to take the test(s), review his/her test result(s) and meet with a counselor. Review material will be available upon request.

## COMPUTER LITERACY, HEALTH EDUCATION, PHYSICAL EDUCATION AND PROFICIENCY REQUIREMENT EXEMPTIONS

**Students who have received a college degree from an accredited U.S. institution are not required to satisfy computer literacy, health education, physical education and proficiency requirements (English Writing, Reading and Mathematics) for the Southwestern College associate degree. All transcripts from other colleges must be on file. Petitions for substitution or waiver must be completed and submitted to the Admissions Office for consideration.**

## RESIDENCY REQUIREMENT

Students must satisfactorily complete the following in order to meet associate degree requirements:

- A minimum of 12 units used to satisfy degree requirements at Southwestern College.

GRADUATION REQUIREMENTS	C	IP	N
- COMPUTER LITERACY REQUIREMENT (Minimum 1 unit)			
- HEALTH EDUCATION REQUIREMENT (0-3 units)			
- EXERCISE SCIENCE REQUIREMENT (2 classes)			
- ENGLISH WRITING PROFICIENCY REQUIREMENT			
- READING PROFICIENCY REQUIREMENT			
- MATH PROFICIENCY REQUIREMENT			