

ASSOCIATE OF ARTS/SCIENCE DEGREE REQUIREMENTS

HECCC GRID

2008-2009

Established: Fall 1991

COLUMBIA, MERCED, MODESTO JUNIOR, AND SAN JOAQUIN DELTA COLLEGES

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Key to Symbols

* = Lab

**= credit allowed one course only

+= transfer credit may be limited by UC or CSU or both

Revised: 9/9/08

Approved:

	COLUMBIA	MERCED	MODESTO	SJ DELTA
AREA . B NATURAL SCIENCE	<p><i>3 courses required: one each from B.1, B.2, B.4</i> <i>Courses from B.1 or B.2 must include a lab as listed in B.3*</i></p> <p>B.1 CHEM 1A*, 1B*, 10*, 11*, 12*, 20 ESC 1, 5*, 10, 12, 22, 30, 33*, 40, 42, 50*, 62 GEOGR 15 PHYCS 1, 2, 4A*, 4B*, 5A*, 5B*</p> <p>B.2 BIOL 2*, 4*, 6*, 10*, 17*, 24*, 60*, 65*</p> <p>B.3 BIOL 2*, 4*, 6*, 10*, 17*, 24*, 60*, 65* CHEM 1A*, 1B*, 10*, 11*, 12* ESC 5*, 33*, 50* PHYCS 4A*, 4B*, 5A*, 5B*</p> <p>B.4 MATH 2, 4A, 4B, 6, 8, 12, 17A, 17B, 18A, 18B, 100B, 101 BUSAD 163</p> <p><i>Course from B.4 must be completed with a C or better grade.</i></p> <p>FOR AS (OCCUPATIONAL EDUCATION) DEGREE: <i>Two courses required: one course from B.1 or B.2 and one course from B.4 above.</i></p> <p><i>Courses from B.4 must be completed with a C or better grade.</i></p>	<p>AA- 3 units AS- 3 units from B.1 3 units from B.2</p> <p>B.1 ARCH 01 ASTR 01, 01L* CHEM 02A*, 02B*, 04A*, 04B* ELCT 30 GEOG 01 GEOL 01* PHSC 01, 01L* PHYS 02A*, 04A*, 10 SOIL 10*</p> <p>B.2 ANSC 10 ANTH 01* BIOL 01*, 04*, 04H*, 06, 08, 09, 12*, 13*, 16*, 18*, 20*, 25 ENTC 30 PLSC 10*</p>	<p><i>3 units</i> AG 376 ANAT 125 AP 50, 150 ANSC 200 ANTHR 101, 105* ASTRO 141, 160 BIOL 50, 101*, 111*, 115, 128, 130/130L*, 140*, 145* BOT 110* CHEM 101*, 142, 143*, 150, 164* EASCI 161*, 162* ELTEC 208/INTEC 208 ENSCI 108 FDNTR 219, 351 GEOG 101 GEOL 64, 160, 161*, 165, 166* INTEC 208 METEO 160, 161* MICRO 101* NR 200*, 215, 220 PHSCI 52, 161, 164* PHYS 101*, 142*, 160, 164*, 165* PHYSO 101* PHYSO 103 PLSC 200, 230 PSYCH 103 ZOO 110*</p>	<p><i>One course from:</i> AH SC 010, OR 010/010L* ANTH 002 OR 002/002L* ASTRO 001 OR 001/001L* BIOL 010, 011, 012 CHEM 001A*, 003A*, 010 FCS 006 GEOG 001 OR 001/001L* GEOL 001A*, 010, 015, 016 NR 002 PHSC 001 PHYSICS 010 PLANT 010 OR 010/010L*</p>

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<p>AREA D. SOCIAL SCIENCE</p> <p>+ designed to meet ethnic studies requirement</p>	<p>Two courses required: one from HIST. 16 or 17 or POLSC 10 and one from D.1- D.0 excluding HIST. 16, 17 or POLSC 10</p> <p>D.1 ANTHR 1, 2,3, 10, 15+</p> <p>D.2 ECON 10, 11</p> <p>D.3 ANTHR 15+ SOCIO 5+ SPCOM 5+</p> <p>D.4 ANTHR 7 HIST 21 SOCIO 7 HHP 2^</p> <p>D.5 GEOGR 12, 18</p> <p>D.6 HIST 11, 13, 14, 16, 17, 21, 55</p> <p>D.7 CHILD 22 JRNAL 1 NATRE 1 SPCOM 12</p> <p>D.8 POLSC 10, 12, 14</p> <p>D.9 CHILD 1^ PSYCH 1, 20^, 35^</p> <p>D.0 SOCIO 1, 2, 5+</p> <p>FOR AS (OCCUPATIONAL EDUCATION) DEGREE: Two courses required: one course from HIST 16 or 17 or POLSC 10; and one course from D1-D0 above.</p> <p>^HHP 2, PSYCH 20, PSYCH 35 & CHILD 1 may be used to satisfy D9 or E but not both.</p>	<p>6 units, one course from each category.</p> <p>Category 1 AGBS 11 AGRI 10 ANTH 02, 10* CRIM 01 ECON 01A, 1B GEOG 02, 30 PSYC 01A, 01AH, 15, 20, 25, 51 SOC 01, 02</p> <p>Category 2 HIST 04A, 04B, 08A+, 08B, 09A, 09B, 17A, 17AH, 17B, 17BH, 21+, 22+, 23, 24+, 29, 39 ABC, (as a unit) POSC 01, 02 SCSC 01</p>	<p>3 units minimum:</p> <p>ADJU 201, 235 AGEC 210 AGGE 146 ANTHR 102, 104, 140 BUSAD 240 CLDDV 103,160, 280, 281 ECON 101, 102, 115 ENSCI 110 GEOG 102, 105, 110 HIST 101, 102, 106, 107, 112, 113, 115, 119, 128, 154, 155 HUMSR 101,114 INDIS 55, 105 ITAL 101 POLSC 101, 102, 110, 111, 120, 131, 140, 145, 151, 190 PSYCH 51, 101,104, 105, 111 SOCIO 101, 102, 131, 150, 154, 156 SOCSC 105, 110</p>	<p>One from each group:</p> <p>Group A: HIST 017A, 017B, 027, 030A, 030B, 031, 034 POLSC 001</p> <p>Group B: AGBUS 012 ANTH 001, 010 CDEV 021, 026 ECON 001A, 001B GEOG 002, 010 HIST 002A, 002B, 004A, 004B, 006A, 006B, 006C POLSC 002, 003 PSYCH 001 SOCSC 030 SOCIO 01A</p>

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AREA C. HUMANITIES	<p>2 courses: one from C.1 and one from C.2</p> <p>C.1 ART 11, 12, 13 DRAMA 10, 20, 42, 43 HHP 20, 27 MUSIC 2, 10, 11, 12</p> <p>C.2 ENGL 1B*, 11, 17, 18, 46, 47, 49, 50 HIST 5* HUMAN 1, 2, 3, 4 INDIS 1 PHILO 1, 4, 5*, 25 SPAN 1A, 1B, 2A, 2B SIGN 40A, 40B, 40C</p> <p><i>*ENGL 1B can be used in A.3 or C.2 but not both. HIST 5/PHILO 5 can be used in A.3 or C2, but not both.</i></p> <p>FOR AS (OCCUPATIONAL EDUCATION) DEGREE: One course required from C.1 or C.2 above.</p> <p><i>*Engl 1B can be used in A.3 or C.2 but not both. HIST 5/PHILO 5 can be used in A.3 or C2, but not both.</i></p>	<p>3 units minimum:</p> <p>ART 01, 02, 06, 12A, 15, 24A DRAM 01, 02 DRAM 03/ENGL 03 ENGL 03/DRAM 03 ENGL 18/HUM 18 ENGL 01B, 04A, 04B, 05, 06A, 06B, 07, 08, 09, 10, 11, 14, 18 FREN 01, 02, 03, 04 GERM 01, 02, 03, 04 HMNG 01, 02 HUM 01,01H, 02, 02H, 15+, 21, HUM 18/ENG 18 JPNS 01A, 01B, 02 MUS 01, 11, 12, 13, 14 PHIL 01, 01H, 03, 04, 05, 15 SPAN 01, 02, 03, 04, 10, 11</p>	<p>3 units minimum:</p> <p>ANTHR 104 ARCH 117, 118 ART 124, 160, 161, 162, 163, 164, 165, 168, 169 CMPGR 201 ENGL 102, 112, 114, 116, 131, 132, 135, 136, 137, 138, 151, 156, 157, 161, 162, 163, 168, 169, 171, 172, 173, 174, 175, 176, 179 FILM 153, 154, 155 FREN 101, 102, 103, 104 GERM 101, 102, 103, 104 HIST 104, 105 HUMAN 101, 105, 106, 110, 130, 140 INDIS 55, 105 INTDS 155 ITAL 101 MUSIC 110, 112, 113, 118, 169 PE/THETR 194 PHILO 101, 111,113, 115, 120, 121, 123, 140 PORTG 51 RATV 150 SIGN 125, 126, 127 SOCSC 105, 154 SPAN 51, 52, 101, 102, 103, 104, 109, 110, 112, 173 SPCOM/THETR 120, 124 THETR 100 ,102, 120, 124, 150, 165, 194</p>	<p>One course required:</p> <p>ANTH 004 ART 001A, 001B, 001C, 002, 002A, 003, 004 CIVIL 003 CUL ARTS 016 DRAMA 010, 016A, 016B ENG 030, 035, 037, 038, 039, 040A, 040B, 042A, 042B, 043C, 043D, 045, 046A, 046B, 047, 049, 052, 055, 057 FASHION 008 FOREIGN LANGUAGE 1, 051-052 HORT 004 HUM 003, 004 MUSIC 001, 002A, 002B, 004, 007, 008 PHILO 006, 045 RELIGION 14A, 14B SL 001</p>

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AREA A. LANGUAGE AND RATIONALITY	<p>3 courses required: one each from A.1, A.2 and A.3</p> <p>A.1 SP COM 1, 4 A.2 ENGL 1A A.3 ENGL 1B*, 1C, SPCH 2, HIST 5*, PHILO 5*</p> <p><i>*ENGL 1B can be used in A.3 or C.2 but not both HIST 5/PHILO 5 can be used in A.3 or C.2, but not both.</i></p> <p><i>All courses in Area A.1, A.2, A.3 must be completed with a C or better grade.</i></p> <p>FOR AS (OCCUPATIONAL EDUCATION) DEGREE: Two courses required: one course from A.2 and one course from A.1 or A.3 above.</p> <p><i>*Engl 1B can be used in A.3 or C.2 but not both</i></p> <p><i>All courses in Area A1, A2, A3 must be completed with a C or better grade.</i></p>	<p>6 units minimum: 3 units each from A1 and A2</p> <p>A.1 ENGL A, 01A A.2 ACTG 04A COMM 01, 01H, 02, 04, 05, 30 CPSC 01 ENGL 13/PHIL 13 ENGL 13H/PHIL 13H MATH C, D, E, 02, 04A, 04B, 04C, 05A, 05B, 06, 08, 10, 15, 17, 20A, 20B, 21, 25, 26 PHIL 10, 12 PHIL 13/ ENGL 13 PHIL 13H/ENGL 13H PSYC 05</p>	<p>6 units: 3 from D.1 and 3 units from D.2</p> <p>D.1 ENGL 50, 101 D.2 BUSAD 210 CMPGR 264, 265 CMPSC 103, 201, 203, 213, 241, 261 ENGL 103 MATH 90, 101, 105, 106, 111 121, 122, 130, 134, 138, 171, 172 PHILO 103, 105, 107 SPCOM 100, 102, 104, 106, 107, 110, 130</p>	<p>One course minimum from each group:</p> <p>Group A: COM ST 005, ENG 001A, 079, 079L Group B: AG BUS 013 MATH 001, 010, 012, 013, 017A, 020, 022, 038A, 038B, 039, 082 PHIL 030 PSYCH 002 Group C: COMMUNICATION STUDIES 001A, 003, 008</p>

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AREA E. LIFELONG UNDERSTANDING	<p><i>One course from:</i></p> BIOL 50 CHILD 1^ GUIDE 1 HHP 2^, 5, 6A, 60 HPMGT 10 PSYCH 5, 10, 20^, 30, 35^, 40 SOCIO 12, 28 <p>FOR AS (OCCUPATIONAL EDUCATION) DEGREE: <i>No course required in Area E.</i></p> <p>^CHILD 1, HHP 2, PSYCH 20 & PSYCH 35 may be used to satisfy D9 or E but not both.</p>	<p><i>5 units, 3 units from 1) & 2 units from 2).</i></p> 1) AUTO 04 BUS 34, 35 CLDV 02 CLDV 09/PSYC 09 GUID 30, 48, 52 HLTH 10, 16 LAND 11 NUTR 10 PSYC 09/ CLDV 09 PSYC 22, 23, 35, 36 2) PHED 01, 02, 03, 10, 11, 12, 13, 15 DNCE 14/PHED 14 PHED 14/DANCE 14	<p><i>3 units minimum:</i></p> CLDDV 103 CLDDV 104 CLDDV 105 FAMLF 131 HE 110, 111, 118 PSYCH 104,110, 130, 141	<p><i>One course required:</i></p> AJ 021 BIOL 030 BUS 008, 020 COM ST 007, 011 CS 011 EDUC 010 ENG 034 FCS 002, 003, 005, 023 GUID 008 H ED 001 LIBRY 003 MCOM 001, 004 PHILO 040 POLSC 005 PSYCH 030 SOCIO 001B, 027, 033

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Competency Requirements	FOR AA/AS AND AS (OE) DEGREES:			
Written Competency	ENGL 1A with C or better.	Pass ENGL A/ENGL B with a grade of C or better or ENGL 01A or equivalent with C or better.	ENGL 101 with C or better or Demonstrate English competency with an ENGL 101 eligibility on the English assessment test; or complete ENGL 50 with C or better; or score of 3, 4, 5 on AP exam: Language & Composition or Literature & Composition	Minimum Competency must be demonstrated by a grade of "C" or better in courses offered in satisfaction of Area D.
Math Competency	BUS AD 163, MATH 100B or 101 or higher level course with C or better or meet thru challenge exam with C or better.	MATH A (or MATH B) with a grade of C or better or any course with MATH A or the equivalent as a prerequisite, or the equivalent.	MATH 50, 70, 71 & 72 or higher with a C or AG 280 with a C or demonstrate algebra competency with a MATH 90 eligibility on the math assessment; or a score of 3, 4, 5 on AP Exam: Calculus AB or Calculus BC or Statistics.	
Reading Competency	ENGL 1A with C or better or meet thru challenge exam with C or better.	Pass ENGL 41 or equivalent with "C" or better, or complete your AA/AS breadth requirements with a grade of "C" or better, in <u>each</u> breadth course.	Reading competency can be demonstrated by completion of the applicable General Education pattern (MJC-GE, CSU-GE and/or IGETC) with a C average or better (2.0; or completion of Reading 184 with a C or better. Students who have previously established Reading Competency through the MJC assessment process retain those rights	
Computer and Information Literacy Competency		Effective Fall 2000, receive a grade of "C" or better in courses which meet the computer and information literacy competency requirements A through G. See college catalog for detailed listing.		

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INSTITUTIONAL REQUIREMENTS	<i>2 HHP activity courses (formerly PE)</i>		<i>One course from:</i> AG 115 ARCH/ENGR 100; AUBDY/ AUTECH/INTEC 115; GUID 109, 110, 111, 112, 116 NURSE 115; ST-SK 78, 120 <i>2 units from:</i> AG 100A, 100B ART 102, 108, 109, 110, 120, 121, 123, 125, 127, 140, 141, 142, 144, 145, 146, 147, 148, 149, 150, 170, 173, 175, 179, 181, 182, 189A,B, 191 CGR 201, 211, 212, 221, 224, 230, 333 CMPGR 202, 262, 284 ENGL 105, 106, 108, 109 FILM 150 INTDS 140 JRNAL 120 B, C, 146 B, C, 179 MUSIC 120, 121, 124, 127, 131, 132, 140, 142, 145, 146, 147, 148, 149, 151, 152, 153, 154, 157, 158, 161, 162, 163, 166, 170, 171, 172, 173, 174, 180, 181, 182, 185 Any PE Activity RATV 131, 134, 141, 142, 168, 172, 178 SOCSC 58 SPCOM 105, 110, 122, 123 THETR 103, 122, 123, 131, 160, 164, 175, 178, 183, 184, 185, 186, 187XA, 188XA, 189XA, 190A, B, 192, 195, 196	
MAJOR:	<i>AA 18 units minimum - AS/ASOE - Varies per program</i>	<i>AA - 18 units minimum AS - 30 units minimum</i>	<i>AA - 20 units minimum AS - 30 units minimum</i>	<i>AA - 18 units minimum AS - varies per program</i>
DEGREE APPLICABLE COURSES:	<i>Courses No. 1-199</i>	<i>Courses No. 1-79, A, B, and C</i>	<i>Courses No. 50-399</i>	<i>Courses No. 1-69 and 70-99 as designated</i>
TOTAL UNITS REQUIRED FOR DEGREE:	60	60	60	60