

Central Texas College District
Associate of Science in Agriculture (AS-AGRI)

SOCAD Network: None

Fort Hood, TX

<p>Degree Objective- Prepares graduates for transfer to university programs of study by introducing a broad base of concepts in the humanities, social/behavioral sciences, mathematics, and natural and physical sciences. Graduates receiving the associate of science degree will be prepared for further study at the university level in the sciences, engineering, and other professional and related fields. The degree plan comprises 66 semester credit hours of which 55 are in general education courses and 11 are in agriculture science. This degree is appropriate for transfer into a bachelor-level degree program.</p> <p>Academic Residency- 17 semester hours</p>	<p>POINT OF CONTACT Denise Hazlett, Director of Evaluations P.O. Box 1800, Killeen, TX 76540 (254) 526-1394 or (800) 792-3348, ext. 1394 (254) 526-1481 ctc.socad@ctcd.edu www.ctcd.edu</p>
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DEGREE REQUIREMENTS					SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/ LIC	DIST LRNG
											See note 2
General Education					55-58 SH						
English					6 SH						
ENGL	1301	Composition I		3	EN024A	X			X		X
ENGL	1302	Composition II		3	EN025A	X			X		X
Speech					3 SH						
SPCH	1315	Public Speaking		3	CM001A	X			X		X
SPCH	1318	Interpersonal Communications		3		X					
SPCH	1321	Business and Professional Communications		3		X					X
Mathematics					3-4 SH						
MATH	1314	College Algebra		3	MH048A	X			X		X
MATH	1316	Plane Trigonometry		3	MH049A	X			X		X
MATH	1325	Mathematics for Business and Social Sciences II (Business Calculus)		3	MH072A	X					X
MATH	1350	Fundamentals of Mathematics I		3		X					X
MATH	1351	Fundamentals of Mathematics II		3		X					X
MATH	1414	College Algebra		4	MH048A	X			X		X
MATH	2412	Precalculus Math		4		X					X
MATH	2413	Calculus I		4	MH055A	X			X		X
MATH	2414	Calculus II		4	MH056A	X			X		X
MATH	2415	Calculus III		4		X					X
Mathematics Electives					3-4 SH						
MATH	1314	College Algebra		3	MH048A	X			X		X
MATH	1316	Plane Trigonometry		3	MH049A	X			X		X
MATH	1324	Mathematics for Business and Social Sciences I (Finite Mathematics)		3		X					X
MATH	1325	Mathematics for Business and Social Sciences II (Business Calculus)		3	MH072A	X					X
MATH	1350	Fundamentals of Mathematics I		3		X					X
MATH	1351	Fundamentals of Mathematics II		3		X					X
MATH	1414	College Algebra		4	MH048A	X			X		X
MATH	2318	Linear Algebra		3		X					X
MATH	2320	Differential Equations		3		X					X
MATH	2412	Precalculus Math		4		X					X
MATH	2413	Calculus I		4	MH055A	X			X		X
MATH	2414	Calculus II		4	MH056A	X			X		X
MATH	2415	Calculus III		4		X					X
Natural Science					4 SH						
GEOL	1405	Environmental Geology		4		X					X
BIOL	1406	Biology for Science Majors I	AND	4	BL003A	X			X		
BIOX	1406	Biology for Science Majors I Lab		0		X					
BIOL	1407	Biology for Science Majors II	AND	4	BL003A	X			X		
BIOX	1407	Biology for Science Majors II Lab		0		X					
BIOL	1411	General Botany	AND	4		X					
BIOX	1411	General Botany - Lab		0		X					
BIOL	1413	General Zoology	AND	4		X					
BIOX	1413	General Zoology - Lab		0		X					
BIOL	2401	Anatomy and Physiology I	AND	4		X					
BIOX	2401	Anatomy and Physiology I Lab		0		X					
BIOL	2402	Anatomy and Physiology II	AND	4		X					
BIOX	2402	Anatomy and Physiology II Lab		0		X					
BIOL	2421	Microbiology for Science Majors	AND	4		X					
BIOX	2421	Microbiology for Science Majors Lab		0		X					
BIOL	2428	Vertebrate Zoology	AND	4		X					
BIOX	2428	Vertebrate Zoology-Lab		0		X					
CHEM	1406	Introductory Chemistry I	AND	4		X					
CHEX	1406	Introductory Chemistry I-Lab		0		X					
CHEM	1407	Introductory Chemistry II	AND	4		X					
CHEX	1407	Introductory Chemistry II-Lab		0		X					
CHEM	1411	General Chemistry I	AND	4	CH003A	X			X		
CHEX	1411	General Chemistry I-Lab		0		X					
CHEM	1412	General Chemistry II	AND	4	CH003A	X			X		

CHEX	1412	General Chemistry II-Lab		0		X						
CHEM	2423	Organic Chemistry I	AND	4		X						
CHEX	2423	Organic Chemistry I-Lab		0		X						
CHEM	2425	Organic Chemistry II	AND	4		X						
CHEX	2425	Organic Chemistry II-Lab		0		X						
GEOL	1403	Physical Geology	AND	4	EA014A	X			X			
GEOX	1403	Physical Geology Lab		0		X						
GEOL	1404	Historical Geology	AND	4		X						
GEOX	1404	Historical Geology Lab		0		X						
PHYS	1401	College Physics I	AND	4	PY003A	X						
PHYX	1401	College Physics I Lab		0		X						
PHYS	1402	College Physics II	AND	4	PY003A	X						
PHYX	1402	College Physics II Lab		0		X						
PHYS	1403	Stars and Galaxies	AND	4		X						X
PHYX	1403	Stars and Galaxies - Lab		0		X						X
PHYS	1404	Solar System	AND	4		X						X
PHYX	1404	Solar System - Lab		0		X						X
PHYS	1415	Physical Science I	AND	4		X			X			
PHYX	1415	Physical Science I Lab		0		X						
PHYS	2425	University Physics I	AND	4	PY005A	X						
PHYX	2425	University Physics I Lab		0		X						
PHYS	2426	University Physics II	AND	4	PY005A	X						
PHYX	2426	University Physics II Lab		0		X						
Natural Science Elective				8 SH								
AGRI	1407	Agronomy		4		X						
AGRI	1415	Horticulture		4		X						
AGRI	1419	Introductory Animal Science (Animal Husbandry)		4		X						
GEOL	1405	Environmental Geology		4		X						X
BIOL	1406	Biology for Science Majors I	AND	4	BL003A	X			X			
BIOX	1406	Biology for Science Majors I Lab		0		X						
BIOL	1407	Biology for Science Majors II	AND	4	BL003A	X			X			
BIOX	1407	Biology for Science Majors II Lab		0		X						
BIOL	1411	General Botany	AND	4		X						
BIOX	1411	General Botany - Lab		0		X						
BIOL	1413	General Zoology	AND	4		X						
BIOX	1413	General Zoology - Lab		0		X						
BIOL	2401	Anatomy and Physiology I	AND	4		X						
BIOX	2401	Anatomy and Physiology I Lab		0		X						
BIOL	2402	Anatomy and Physiology II	AND	4		X						
BIOX	2402	Anatomy and Physiology II Lab		0		X						
BIOL	2421	Microbiology for Science Majors	AND	4		X						
BIOX	2421	Microbiology for Science Majors Lab		0		X						
BIOL	2428	Vertebrate Zoology	AND	4		X						
BIOX	2428	Vertebrate Zoology-Lab		0		X						
CHEM	1406	Introductory Chemistry I	AND	4		X						
CHEX	1406	Introductory Chemistry I-Lab		0		X						
CHEM	1407	Introductory Chemistry II	AND	4		X						
CHEX	1407	Introductory Chemistry II-Lab		0		X						
CHEM	1411	General Chemistry I	AND	4	CH003A	X			X			
CHEX	1411	General Chemistry I-Lab		0		X						
CHEM	1412	General Chemistry II	AND	4	CH003A	X			X			
CHEX	1412	General Chemistry II-Lab		0		X						
CHEM	2423	Organic Chemistry I	AND	4		X						
CHEX	2423	Organic Chemistry I-Lab		0		X						
CHEM	2425	Organic Chemistry II	AND	4		X						
CHEX	2425	Organic Chemistry II-Lab		0		X						
ENVR	1401	Environmental Science I	AND	4		X						X
ENVX	1401	Environmental Science I-Lab		0		X						
GEOL	1403	Physical Geology	AND	4	EA014A	X			X			
GEOX	1403	Physical Geology Lab		0		X						
GEOL	1404	Historical Geology	AND	4		X						
GEOX	1404	Historical Geology Lab		0		X						
PHYS	1401	College Physics I	AND	4	PY003A	X						
PHYX	1401	College Physics I Lab		0		X						
PHYS	1402	College Physics II	AND	4	PY003A	X						
PHYX	1402	College Physics II Lab		0		X						
PHYS	1403	Stars and Galaxies	AND	4		X						X
PHYX	1403	Stars and Galaxies - Lab	OR	0		X						X
PHYS	1404	Solar System	AND	4		X						X
PHYX	1404	Solar System - Lab	OR	0		X						X
PHYS	1415	Physical Science I	AND	4		X			X			
PHYX	1415	Physical Science I Lab		0		X						
PHYS	2425	University Physics I	AND	4	PY005A	X						
PHYX	2425	University Physics I Lab		0		X						
PHYS	2426	University Physics II	AND	4	PY005A	X						
PHYX	2426	University Physics II Lab		0		X						

Visual and Performing Arts				3 SH						
ARTS	1303	Art History I	3		X					X
ARTS	1304	Art History II	3		X					X
ARTS	1311	Design I	3		X					
ARTS	1312	Design II	3		X					
ARTS	1316	Drawing I	3		X					
ARTS	1317	Drawing II	3		X					
ARTS	2311	Design III	3		X					
ARTS	2313	Design Communications I	3		X					
ARTS	2314	Design Communications II	3		X					
ARTS	2316	Painting I	3		X					
ARTS	2317	Painting II	3		X					
ARTS	2323	Life Drawing I	3		X					
ARTS	2326	Sculpture I	3		X					
ARTS	2341	Art Metals I	3		X					
ARTS	2342	Art Metals II	3		X					
ARTS	2346	Ceramics I	3		X					
ARTS	2347	Ceramics II	3		X					
ARTS	2356	Photography I	3		X		X			
ARTS	2357	Photography II	3		X					
ARTS	2366	Watercolor I	3		X					
DRAM	1310	Introduction to Theater	3		X					
DRAM	1320	Theater Practicum I	3		X					
DRAM	1321	Theater Practicum II	3		X					
DRAM	1330	Stagecraft I	3		X					
DRAM	1351	Acting I	3		X					
DRAM	1352	Acting II	3		X					
DRAM	2336	Voice for the Theater	3		X					
DRAM	2366	Development of Motion Picture I	3		X					
MUSI	1162	Vocal Diction I	1		X					
MUSI	1181	Piano Class I	1		X		X			
MUSI	1183	Voice Class I	1		X					
MUSI	1188	Percussion Class I	1		X					
MUSI	1192	Guitar Class I	1		X		X			
MUSI	1216	Ear Training and Sight Singing I	2		X		X	X		
MUSI	1217	Ear Training and Sight Singing II	2		X		X			
MUSI	1301	Fundamentals of Music I	3		X		X	X		
MUSI	1304	Foundations of Music	3		X			X		
MUSI	1306	Music Appreciation	3		X					X
MUSI	1307	Music Literature	3		X					X
MUSI	1311	Music Theory I	3		X		X	X		
MUSI	1312	Music Theory II	3		X		X			
MUSI	2311	Music Theory III	3		X					
MUSI	2312	Music Theory IV	3		X					
Literature, Philosophy, and Cultural Studies				3 SH						
ANTH	2301	Physical Anthropology	3		X					X
ANTH	2302	Introduction to Archeology	3		X					X
ANTH	2346	General Anthropology	3	AN001A	X			X		X
ANTH	2351	Cultural Anthropology	3	AN002A	X					X
ENGL	2322	British Literature I	3		X			X		X
ENGL	2323	British Literature II	3		X			X		
ENGL	2327	American Literature I	3		X			X		X
ENGL	2328	American Literature II	3		X			X		X
ENGL	2332	World Literature I	3		X					X
ENGL	2333	World Literature II	3		X					X
HUMA	1315	Fine Arts Appreciation	3		X			X		X
PHIL	1301	Introduction to Philosophy	3	PL079A	X					X
PHIL	1304	Introduction to World Religions	3		X			X		X
PHIL	1316	History of Religions I	3		X					X
PHIL	1317	History of Religions II	3		X					X
PHIL	2303	Introduction to Logic	3		X					X
PHIL	2306	Introduction to Ethics	3	PL081A	X					X
PHIL	2307	Introduction to Social and Political Philosophy	3		X					X
SPCH	2341	Oral Interpretation	3		X					X
Social/Behavioral Science				15 SH						
GOVT	2301	American Government I	3		X			X		X
GOVT	2302	American Government II	3	PO078A	X			X		X
HIST	1301	United States History I	3		X			X		X
HIST	1302	United States History II	3		X			X		X
And one of the following courses:										
AGRI	2317	Introduction to Agriculture Economics	3		X					X
ECON	2301	Principles of Macroeconomics	3	EC008A	X			X		X
ECON	2302	Principles of Microeconomics	3	EC009A	X			X		X
GEOG	1300	Principles of Geography	3	GE001A	X					X
GEOG	1301	Physical Geography	3		X					X

GEOG	1302	Cultural Geography	3		X			X		X
GEOG	1303	World Regional Geography	3	GE023A	X					X
GOVT	2304	Introduction to Political Science	3		X					X
HIST	2301	Texas History	3		X					X
HIST	2311	Western Civilization I	3		X			X		X
HIST	2312	Western Civilization II	3		X			X		X
HIST	2381	African-American History	3		X					X
PSYC	2301	General Psychology	3	PS101A	X			X		X
PSYC	2308	Child Psychology	3		X			X		X
PSYC	2314	Life Span Growth and Development	3		X			X		X
PSYC	2315	Psychology of Adjustment	3		X					X
PSYC	2316	Psychology of Personality	3		X					X
SOCI	1301	Introduction to Sociology	3	SO001A	X			X		X
SOCI	1306	Social Problems	3	SO002A	X					X
SOCI	2301	Marriage and the Family	3		X					X
SOCI	2319	Minority Studies I	3		X					X
Physical Education (Activity Course)*			4 SH							
KINE	1100	Aerobics I	1		X					
KINE	1101	Aerobics II	1		X					
KINE	1102	Badminton I	1		X					
KINE	1103	Badminton II	1		X					
KINE	1104	Ballet I	1		X					
KINE	1105	Ballet II	1		X					
KINE	1106	Basketball I	1		X					
KINE	1107	Basketball II	1		X					
KINE	1108	Bowling I	1		X					
KINE	1109	Bowling II	1		X					
KINE	1110	Fitness Walking I	1		X					
KINE	1111	Fitness Walking II	1		X					
KINE	1112	Golf I	1		X					
KINE	1113	Golf II	1		X					
KINE	1114	Spin Bike I	1		X					
KINE	1115	Spin Bike II	1		X					
KINE	1116	Jazz Dance I	1		X					
KINE	1117	Jazz Dance II	1		X					
KINE	1118	Jujutsu I	1		X					
KINE	1119	Jujutsu II	1		X					
KINE	1120	Karate I	1		X					
KINE	1121	Karate II	1		X					
KINE	1122	Kickboxing/Aerobics I	1		X					
KINE	1123	Muay Thai Kickboxing I	1		X					
KINE	1124	Muay Thai Kickboxing II	1		X					
KINE	1125	Physical Conditioning I	1		X					
KINE	1126	Physical Conditioning II	1		X					
KINE	1127	Soccer I	1		X					
KINE	1128	Soccer II	1		X					
KINE	1129	Softball I	1		X					
KINE	1130	Softball II	1		X					
KINE	1132	Swimming I	1		X		X			
KINE	1133	Swimming II	1		X		X			
KINE	1134	Swimming III	1		X					
KINE	1135	Tennis I	1		X					
KINE	1136	Tennis II	1		X					
KINE	1137	Volleyball I	1		X					
KINE	1138	Volleyball II	1		X					
KINE	1139	Water Aerobics I	1		X					
KINE	1140	Water Aerobics II	1		X					
KINE	1141	Water Safety I	1		X					
KINE	1142	Water Safety II	1		X					
KINE	1143	Weight Training I	1		X		X			
KINE	1144	Weight Training II	1		X					
KINE	1145	Weight Training III	1		X					
KINE	1146	Yoga I	1		X					
KINE	1147	Yoga II	1		X					
KINE	1151	Scuba Diving I	1		X		X			
KINE	1152	Scuba Diving II	1		X		X			
KINE	1153	Lifeguard Training	1		X		X			
KINE	1154	Pilates I	1		X					
KINE	1155	Pilates II	1		X					
KINE	2150	Scuba III Rescue Divers	1		X					
		Physical Education Elective					X	X	X	X
Computer Technology/Skills			3-4 SH							
AGRI	1309	Computers in Agriculture	3		X					X
BCIS	1405	Business Computer Applications	4		X					X
COSC	1300	Introduction to Computing	3	CS001A	X	X	X	X	X	X

Major Requirements**			11- 13 SH						
AGRI	1131	The Agriculture Industry	1		X	X	X		X
AGRI	1309	Computers in Agriculture	3		X				
AGRI	1407	Agronomy	4		X				
AGRI	1419	Introductory Animal Science	4		X	X	X		
AGRI	2317	Introduction To Agriculture Economics	3		X				
Total Credits			66 SH						

- Notes:**
- 1) An "X" in a column indicates that the Institution guarantees to accept credit from the source shown for at least part of the requirement.
 - 2) This column indicates whether a school accepts transfer credit for courses taken through distance learning. It does not mean that the school offers the course through distance learning.
 - 3) A course may be used toward one requirement only.
 - 4) Only lower-level courses are accepted in transfer unless a CTC equivalent course is listed in the appropriate SOC transfer guarantee.
 - 5) The student is responsible for meeting course prerequisites. It is recommended that the student take placement tests prior to enrolling in mathematics, reading-intensive, and writing courses. Based on scores, the student may be required to take a series of developmental study courses.
 - a) Mathematics courses may include DSMA 0101 Basic Developmental Mathematics, DSMA 0120 Mathematics Lab, DSMA 0300 Developmental Mathematics I, DSMA 0301 Developmental Mathematics II, DSMA 0303 Developmental Mathematics IV, DSMA 0304 Fundamentals of Mathematics II, DSMA 0305 Pre-Algebra, DSMA 0306 Introductory Algebra, DSMA 0307 Intermediate Algebra, DSMA 0309 Fundamentals of Algebra, and/or DSMA 0310 Intermediate Algebra.
 - b) Reading courses may include DSRE 0101 Developmental Reading, DSRE 0300 Developmental Reading I, DSRE 0301 Developmental Reading II, DSRE 0302 Fundamentals of Reading I, DSRE 0303 Fundamentals of Reading II, and/or DSRE 0311 Developmental Reading II.
 - c) Writing courses may include DSWR 0120 Developmental Writing Lab, DSWR 0301 Developmental Writing I, DSWR 0302 Developmental Writing II, DSWR 0303 Fundamentals of Writing I, DSWR 0304 Fundamentals of Writing II, DSWR 0305 Developmental Studies Basic Grammar Review, and/or DSWR 0311 Developmental Writing II.
 - 6) The non-native English speaking student may be required to take English-as-a-Second Language courses in reading, speaking, and writing.
 - a) Reading courses may include DSLA 0310 Reading and Vocabulary I, DSLA 0320 Reading and Vocabulary II, and/or DSLA 0330 Reading and Vocabulary III.
 - b) Speaking courses may include DSLA 0316 Listening Comprehension I, DSLA 0317 Speaking I, DSLA 0322 Academic Listening and Speaking II, and/or DSLA 0332 Academic Listening and Speaking III, and/or DSLA 0340 Accent Reduction.
 - c) Writing courses may include DSLA 0314 Writing I, DSLA 0315 Grammar I, DSLA 0318 English for Foreign Students I, and/or DSLA 0321 Writing II.
 - 7) Soldiers electing to take the high end semester hour range of a degree requirement area will need to request an ESO override if the total degree credits earned exceed total semester hours required.
- *Texas four-year colleges and universities require a physical activity course in the core general education area in the AS degree program. If the student transfers to a Texas college or university to complete a bachelor-level degree program, the student who was awarded physical education credits based on a military service school may be required to take a physical activity course.

Date Effective: 1-Jul-09