

Central Texas College District
Associate of Science in Environmental Science (AS-ENV4) (AS-ENVS)
 SOCAD-2 Network: Open
 Fort Hood, TX

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 60 semester credit hours of which 40 are in general education courses and 20 are in physical sciences such as botany, zoology, chemistry, environmental science, and physical geology. This degree is appropriate for transfer into a bachelor-level degree program.

POINT OF CONTACT
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Academic Residency- 15 semester hours

DEGREE REQUIREMENTS				SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT / LIC	DIST LRNG See Note 2
General Education				44 SH						
English				3 SH						
ENGL 1301	Composition I		3	EN201A	X			X		X
Speech				3 SH						
SPCH 1315	Public Speaking		3	CM001A	X			X		X
SPCH 1318	Interpersonal Communication		3		X					
SPCH 1321	Business and Professional Communication		3		X					X
Mathematics				3-4 SH						
MATH 1314	College Algebra		3	MH048A	X			X		X
Life and Physical Science				8 SH						
BIOL 1407	Biology for Science Majors II	AND	4	BL003A	X			X		
BIOX 1407	Biology for Science Majors II Lab	OR	0		X			X		
BIOL 1413	General Zoology	AND	4		X					
BIOX 1413	General Zoology - Lab	OR	0		X					
PHYS 1402	College Physics II	AND	4		X					
PHYX 1402	College Physics II-Lab		0		X					
And one of the following courses:										
BIOL 1406	Biology for Science Majors I	AND	4	BL003A	X			X		
BIOX 1406	Biology for Science Majors I Lab	OR	0		X					
BIOL 1411	General Botany	AND	4		X					
BIOX 1411	General Botany - Lab	OR	0		X					
PHYS 1401	College Physics I	AND	4		X					
PHYX 1401	College Physics I - Lab		0		X					
Creative Arts				3 SH						
ARTS 1303	Art History I		3		X					X
ARTS 1304	Art History II		3		X					X
ARTS 1311	Design I (2-dimensional)		3		X					
DRAM 1310	Introduction to Theater		3		X					
DRAM 2366	Introduction to Cinema		3		X					
HUMA 1315	Fine Arts Appreciation		3		X			X		X
MUSI 1301	Fundamentals of Music I		3		X					
Language, Philosophy, and Culture				4 SH						
ANTH 2351	Cultural Anthropology		3	AN002A	X					X
DRAM 2361	History of Theatre I		3		X					
DRAM 2362	History of Theatre II		3		X					
ENGL 2322	British Literature I		3	EN342A	X			X		X
ENGL 2323	British Literature II		3		X			X		X
ENGL 2327	American Literature I		3	EN332A	X			X		X
ENGL 2328	American Literature II		3	EN333A	X			X		X
ENGL 2332	World Literature I		3	EN322A	X					X
FREN 1411	Beginning French I		4		X	X		X	X	X
FREN 1412	Beginning French II		4		X	X		X	X	X
GERM 1411	Beginning German I		4		X	X		X	X	X
GERM 1412	Beginning German II		4		X	X		X	X	X
MUSI 1306	Music Appreciation		3		X					
MUSI 1307	Music Literature		3		X					
PHIL 1301	Introduction to Philosophy		3	PL079A	X					X
PHIL 1304	Introduction to World Religions		3		X			X		X
PHIL 2306	Introduction to Ethics		3	PL081A	X					X
PHIL 2307	Introduction to Social and Political Philosophy		3		X					X
PHIL 2321	Philosophy of Religion		3		X					X
RUSS 1411	Beginning Russian I		4		X	X		X		X
RUSS 1412	Beginning Russian II		4		X	X		X		X
SPAN 1411	Beginning Spanish I		4		X	X		X		X
SPAN 1412	Beginning Spanish II		4		X	X		X		X
Social/Behavioral Sciences				15 SH						
GOVT 2305	Federal Government		3		X			X		X

GOVT 2306	Texas Government		3		X			X		X
HIST 1301	United States History I		3	HI201A	X			X		X
HIST 1302	United States History II		3	HI202A	X			X		X
And one of the following courses:										
AGRI 2317	Introduction to Agriculture Economics		3		X					X
ECON 2301	Principles of Macroeconomics		3	EC201A	X			X		X
ECON 2302	Principles of Microeconomics		3	EC301A	X			X		X
GEOG 1301	Physical Geography		3		X					X
GEOG 1302	Cultural Geography		3	GE021A	X			X		X
GEOG 1303	World Regional Geography		3	GE023A	X					X
GOVT 2304	Introduction to Political Science		3		X					
HIST 2301	Texas History		3		X					X
HIST 2311	Western Civilization I		3	HI301A	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		3		X					X
Component Area Option			3-4 SH							
AGRI 1407	Agronomy		4		X					
AGRI 1415	Horticulture		4		X					
AGRI 1419	Introductory Animal Science (Animal Husbandry)		4		X					
AGRI 2317	Introduction to Agriculture Economics		3		X					
ANTH 2351	Cultural Anthropology		3	AN002A	X					
ARTS 1303	Art History I		3		X			X		X
ARTS 1304	Art History II		3		X					X
ARTS 1311	Design I (2-dimensional)		3		X					
BCIS 1305	Business Computer Applications		3		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 1408	Biology for Non-Science Majors I	AND	4		X					
BIOX 1408	Biology for Non-Science Majors I Lab		0		X					
BIOL 1409	Biology for Non-Science Majors II	AND	4		X					
BIOX 1409	Biology for Non-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 2420	Microbiology for Non-Science Majors	AND	4		X					
BIOX 2420	Microbiology for Non-Science Majors Lab		0		X					
BIOL 2421	Microbiology for Science Majors	AND	4		X					
BIOX 2421	Microbiology for Science Majors Lab		0		X					
BUSI 1301	Business Principles		3		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					
COSC 1301	Introduction to Computing		3	CS101A	X	X	X	X		
DRAM 1310	Introduction to Theater		3		X					
DRAM 2361	History of Theatre I		3		X					
DRAM 2362	History of Theatre II		3		X					
DRAM 2366	Introduction to Cinema		3		X					
ECON 2301	Principles of Macroeconomics		3	EC201A	X			X		
ECON 2302	Principles of Microeconomics		3	EC301A	X			X		
ENGL 1302	Composition II		3	EN203A	X					
ENGL 2322	British Literature I		3	EN342A	X					
ENGL 2323	British Literature II		3		X			X		X
ENGL 2327	American Literature I		3	EN332A	X					
ENGL 2328	American Literature II		3	EN333A	X					
ENGL 2332	World Literature I		3	EN322A	X					
FREN 1411	Beginning French I		4		X	X		X	X	X
FREN 1412	Beginning French II		4		X	X		X	X	X
GEOG 1301	Physical Geography		3		X					X

GEOG 1302	Cultural Geography		3	GE021A	X			X		X
GEOG 1303	World Regional Geography		3	GE023A	X			X		X
GEOL 1404	Historical Geology	AND	4		X					
GEOL 1404	Historical Geology Lab		0		X					
GERM 1411	Beginning German I		4		X	X		X	X	X
GERM 1412	Beginning German II		4		X	X		X	X	X
GOVT 2304	Introduction to Political Science		3		X					
HIST 2301	Texas History		3		X					X
HIST 2311	Western Civilization I		3	HI301A	X			X		X
HIST 2312	Western Civilization II		3		X			X		X
HIST 2381	African-American History		3		X					X
HUMA 1315	Fine Arts Appreciation		3		X			X		X
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	Tae Kwon Do I		1		X					
KINE 1121	Tae Kwon Do 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	X		X		
KINE 1126	Physical Conditioning II		1		X	X		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 1131	Barbell Fitness I		1		X					
KINE 1132	Swimming I		1		X	X		X		
KINE 1133	Swimming II		1		X	X		X		
KINE 1134	Swimming III		1		X	X		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 1143	Weight Training I		1		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 1148	Kickboxing/Aerobics II		1		X					
KINE 1149	Jogging I		1		X					
KINE 1150	Jogging II		1		X					
KINE 1154	Pilates I		1		X					
KINE 1155	Pilates II		1		X					
KINE 1156	Bootcamp Fitness I		1		X					
KINE 1157	Bootcamp Fitness II		1		X					
KINE 1158	Eagle Fit I		1		X					
KINE 1159	Eagle Fit II		1		X					
KINE 2100	Zoomba Cardio		1		X					
KINE 2101	Aquatic Zoomba		1		X					
KINE 2102	Aquatic Zoomba II		1		X					
KINE 2103	Recreational Activities		1		X					
KINE 2104	Zoomba Cardio II		1		X					
KINE 2105	Krav Self-Defense I		1		X					
KINE 2106	Krav Self-Defense II		1		X					
KINE 2132	Barbell Fitness II		1		X					
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)		3	MH051A	X			X		X

MATH 1342	Elementary Statistical Methods		3	MH053A	X			X		X
MATH 1414	College Algebra		3		X					
MATH 2412	Pre-Calculus Math		4		X					X
MATH 2413	Calculus I		4		X					
MUSI 1301	Fundamentals of Music I		3		X					
MUSI 1306	Music Appreciation		3		X					X
MUSI 1307	Music Literature		3		X					X
PHIL 1301	Introduction to Philosophy		3	PL079A	X					X
PHIL 1304	Introduction to World Religions		3		X			X		X
PHIL 2306	Introduction to Ethics		3	PL081A	X			X		X
PHIL 2307	Introduction to Social and Political Philosophy		3		X					X
PHIL 2321	Philosophy of Religion		3		X					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		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					
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
RUSS 1411	Beginning Russian I		4		X	X		X		X
RUSS 1412	Beginning Russian II		4		X	X		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		3		X					X
SPAN 1411	Beginning Spanish I		4		X	X			X	X
SPAN 1412	Beginning Spanish II		4		X	X		X	X	X
SPCH 1315	Public Speaking		3	CM001A	X	X	X	X		X
SPCH 1318	Interpersonal Communication		3		X	X	X			
SPCH 1321	Business and Professional Communication		3		X	X	X			X
Physical Education			2 SH							
KINE ELEC	Physical Activity				X	X	X			
PHED ELEC	Physical Activity				X	X	X			
Major Requirements			16 SH							
CHEM 1411	General Chemistry I		4	CH003A	X			X		
CHEX 1411	General Chemistry I-Lab		0		X					
CHEM 1412	General Chemistry II		4		X			X		
CHEX 1412	General Chemistry II-Lab		0		X					
ENVR 1401	Environmental Science		4		X			X		X
ENVX 1401	Environmental Science-Lab		0		X					X
GEOL 1403	Physical Geology		4		X			X		
GEOX 1403	Physical Geology-Lab		0		X					
Total Credits			60 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 0301 Developmental Writing I, DSWR 0302 Developmental Writing II, DSWR 0303 Fundamentals of Writing I, DSWR 0304 Fundamentals of Writing II, 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 0323 Academic Listening and Speaking I, DSLA 0322 Academic Listening and Speaking II, 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.
- *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-Oct-17
Term Effective:	T680