Central Texas College District Associate of Science in Engineering (AS-ENGF4) (AS-ENGR)

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 49 are in general education courses and 11 are in engineering. This degree is appropriate for transfer into a bachelor-level degree program.

POINT OF CONTACT

Debbie Hansen, Director of Evaluations & Graduation P.O. Box 1800, Killeen, TX 76540 (254) 526-1394 or (800) 792-3348, ext. 1394 Fax (254) 526-1481 debbie.hansen@ctcd.edu www.ctcd.edu

Academic Residency- 15 semester hours

DEGREE REQUIREMENTS	Academic Residency- 15 Semester nouts							
Specific 10 Composition 3 584	DEGREE R	EQUIRE	MENTS			ARMY MOS	TESTS	DIST LRNG See Note 2
SPORT 1910 Composition	General Ed	lucation		46-48 SH				
Specific 13-96 Sealer 13-96 Sealer 13-96 Sealer 13-96 Section 13	English			3 SH				
SPPCH 1915 Nulsic Speaking	ENGL	1301	Composition I	3	Х		Х	Х
SSPCH 1316 Interpersonal Communication 3 X X X X X X X X X	Speech			3 SH				
SPICE 1321 Sunness and Professional Communication 3.8 X	SPCH	1315	Public Speaking	3	Х		Х	Х
Marth 2414 Calculus	SPCH	1318	Interpersonal Communication	3	Х			
MATH 2415 Calculus	SPCH	1321	Business and Professional Communication	3	Х			Х
MATH_2414 Calculus	Mathematic	cs		8 SH				
Ulfrand Physical Sciences	MATH	2413	Calculus I	4	Х		Х	Х
AGRI 1497 Agronomy	MATH	2414	Calculus II	4	Х		Х	Х
AGRI 1415 Medicalure	Life and Ph	ysical S	Sciences	8 SH				
AGRI 4119 Introductory Animal Science	AGRI	1407	Agronomy	4	Х		Χ	
BIOL 1406 Biology for Scene Majors Lab 0 X X X X X X X X X	AGRI	1415	Horticulture	4	Х		Χ	
BIDX 1406 Bology for Science Majors II - Lab	AGRI	1419	Introductory Animal Science	4	Х		Χ	
BIOL 1407 Blobay for Science Majors II Lab 0 X X X X X X X X X	BIOL	1406	Biology for Science Majors I AND	4	Х		Х	
BIOX 1407 Sology for Non-Science Majors Lab	BIOX	1406	Biology for Science Majors I - Lab	0	X		X	
BIOL 1408 Biology for Non-Science Majors Lab	BIOL	1407	Biology for Science Majors II AND	4	X		X	
BIOX 1409 Biology for Non-Science Majors Lab	BIOX	1407	Biology for Science Majors II - Lab	0	X		X	
BIOL 1409 Biology for Non-Science Majors II AND 4	BIOL	1408	Biology for Non-Science Majors I AND	4	Х		Х	
BIOX 1499 Biology for Non-Science Majors II - Lab 0	BIOX	1408	Biology for Non-Science Majors I - Lab	0	Х		Х	
BIOL 1411 General Botany AND 4	BIOL	1409	Biology for Non-Science Majors II AND	4	Х		Х	
BIOX 1411 General Botany - Lab	BIOX	1409	Biology for Non-Science Majors II - Lab	0	Х		Х	
BIOL 1413 General Zoology AND 4	BIOL	1411	General Botany AND	4	Х		Х	
BIOX	BIOX	1411	General Botany - Lab	0	Х		Х	
BIOL 2401 Anatomy & Physiology Anatomy & Physiology Lab Diox Anatomy & Anatomy	BIOL	1413	General Zoology AND	4	Х		Х	
BIOX 2401 Anatomy & Physiology I - Lab 0 X X X X X BIOL 2402 Anatomy & Physiology II - Lab 0 X X X X X BIOX 2402 Anatomy & Physiology II - Lab 0 X X X X X BIOX 2402 Anatomy & Physiology II - Lab 0 X X X X X BIOX 2402 Microbiology for Non-Science Majors - Lab 0 X X X X X BIOX 2420 Microbiology for Non-Science Majors - Lab 0 X X X X X X X BIOX 2420 Microbiology for Non-Science Majors - Lab 0 X X X X X X X BIOX 2421 Microbiology for Science Majors - Lab 0 X X X X X X BIOX 2421 Microbiology for Science Majors - Lab 0 X X X X X X X X X	BIOX	1413	General Zoology - Lab	0	Х		Х	
BIOL 2402 Anatomy & Physiology II AND 4 X X X X X X X X X	BIOL	2401	Anatomy & Physiology I AND	4	Х		Х	
BIOX 2402 Anatomy & Physiology II - Lab 0	BIOX	2401	Anatomy & Physiology I - Lab	0	Х		Х	
BIOL 2420 Microbiology for Non-Science Majors AND 4	BIOL	2402	Anatomy & Physiology II AND	4	Х		Х	
BIOX 2420 Microbiology for Non-Science Majors - Lab 0 X X X X X X X X X	BIOX	2402	Anatomy & Physiology II - Lab	0	Х		Х	
BIOL 2421 Microbiology for Science Majors AND 4	BIOL	2420	Microbiology for Non-Science Majors AND	4	Х		Х	
BIOX 2421 Microbiology for Science Majors - Lab 0 X X X X X X X X X	BIOX	2420	Microbiology for Non-Science Majors - Lab	0	Х		Х	
CHEM	BIOL	2421	Microbiology for Science Majors AND	4	Х		Х	
CHEX 1406 Introductory Chemistry I - Lab 0 X X X X CHEM 1407 Introductory Chemistry II AND 4 X X X CHEX 1407 Introductory Chemistry II - Lab 0 X X X Introductory Chemistry II X X X Introductory Chemistry II X X X X X Introductory Chemistry II X <td< td=""><td>BIOX</td><td>2421</td><td>Microbiology for Science Majors - Lab</td><td>0</td><td>Х</td><td></td><td>Х</td><td></td></td<>	BIOX	2421	Microbiology for Science Majors - Lab	0	Х		Х	
CHEM 1407 Introductory Chemistry II AND 4 X X CHEX 1407 Introductory Chemistry II - Lab 0 X X X CHEM 1411 General Chemistry II AND 4 X X CHEX 1411 General Chemistry II AND 4 X X CHEX 1412 General Chemistry II - Lab 0 X X X CHEX 1412 General Chemistry II - Lab 0 X X X ENVR 1401 Environmental Science I AND 4 X X X ENVX 1401 Environmental Science I - Lab 0 X X X X GEOL 1403 Physical Geology AND 4 X X X GEOL 1404 Historical Geology - Lab 0 X X X GEOL 1404 Historical Geology - Lab 0 X X X </td <td>CHEM</td> <td>1406</td> <td>Introductory Chemistry I AND</td> <td>4</td> <td>Х</td> <td></td> <td>Х</td> <td></td>	CHEM	1406	Introductory Chemistry I AND	4	Х		Х	
CHEX 1407 Introductory Chemistry II - Lab 0 X X X CHEM 1411 General Chemistry I AND 4 X X X CHEX 1411 General Chemistry II-Lab 0 X X X CHEM 1412 General Chemistry II - Lab AND 4 X X X ENVX 1401 Environmental Science I AND 4 X X X ENVX 1401 Environmental Science I - Lab 0 X X X ENVX 1401 Environmental Science I - Lab 0 X X X GEOL 1403 Physical Geology AND 4 X X X GEOX 1403 Physical Geology - Lab 0 X X X X GEOX 1403 Physical Geology - Lab 0 X X X X PHYS 1401 College Physics I AND	CHEX	1406	Introductory Chemistry I - Lab	0	Х		Х	
CHEM 1411 General Chemistry I AND 4 X X X CHEX 1411 General Chemistry II-Lab 0 X X X CHEM 1412 General Chemistry II - Lab 0 X X X CHEX 1412 General Chemistry II - Lab 0 X X X ENVX 1401 Environmental Science I - Lab 0 X X X ENVX 1401 Environmental Science I - Lab 0 X X X GEOL 1403 Physical Geology AND 4 X X X GEOX 1404 Historical Geology - Lab 0 X X X X GEOX 1404 Historical Geology - Lab 0 X X X X GEOX 1404 Historical Geology - Lab 0 X X X X PHYS 1401 College Physics I AND 4	CHEM	1407	Introductory Chemistry II AND	4	Х		Х	
CHEX 1411 General Chemistry II - Lab 0 X X X CHEM 1412 General Chemistry II - Lab 0 X X X ENVR 1401 Environmental Science I AND 4 X X ENVX 1401 Environmental Science I - Lab 0 X X ENVX 1401 Environmental Science I - Lab 0 X X GEOL 1403 Physical Geology AND 4 X X GEOX 1403 Physical Geology - Lab 0 X X X GEOL 1404 Historical Geology - Lab 0 X X X GEOX 1404 Historical Geology - Lab 0 X X X PHYS 1401 College Physics I AND 4 X X X PHYS 1401 College Physics II - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYS 1403 </td <td>CHEX</td> <td>1407</td> <td>Introductory Chemistry II - Lab</td> <td>0</td> <td>Х</td> <td></td> <td>Х</td> <td></td>	CHEX	1407	Introductory Chemistry II - Lab	0	Х		Х	
CHEM 1412 General Chemistry II AND 4 X X X CHEX 1412 General Chemistry II - Lab 0 X X X ENVR 1401 Environmental Science I AND 4 X X ENVX 1401 Environmental Science I - Lab 0 X X GEOL 1403 Physical Geology AND 4 X X GEOX 1403 Physical Geology - Lab 0 X X X GEOX 1404 Historical Geology - Lab 0 X X X GEOX 1404 Historical Geology - Lab 0 X X X GEOX 1404 Historical Geology - Lab 0 X X X PHYS 1401 College Physics I AND 4 X X X PHYS 1402 College Physics II AND 4 X X X PHYS<	CHEM	1411	General Chemistry I AND	4	Х		Х	
CHEX 1412 General Chemistry II - Lab 0 X X ENVR 1401 Environmental Science I AND 4 X X ENVX 1401 Environmental Science I - Lab 0 X X X GEOL 1403 Physical Geology AND 4 X X X GEOX 1403 Physical Geology - Lab 0 X X X X GEOL 1404 Historical Geology - Lab 0 X X X X GEOX 1404 Historical Geology - Lab 0 X X X X PHYS 1401 College Physics I AND 4 X X X PHYS 1401 College Physics II - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X </td <td>CHEX</td> <td>1411</td> <td>General Chemistry I-Lab</td> <td>0</td> <td>Х</td> <td></td> <td></td> <td></td>	CHEX	1411	General Chemistry I-Lab	0	Х			
ENVR 1401 Environmental Science I AND 4 X X ENVX 1401 Environmental Science I - Lab 0 X X GEOL 1403 Physical Geology AND 4 X X GEOX 1403 Physical Geology - Lab 0 X X X GEOL 1404 Historical Geology AND 4 X X X GEOX 1404 Historical Geology- Lab 0 X X X PHYS 1401 College Physics I AND 4 X X PHYS 1401 College Physics I - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X X PHYS 1403 Stars and Galaxies - Lab 0 X X X PHYS 1404 <td>CHEM</td> <td>1412</td> <td>General Chemistry II AND</td> <td>4</td> <td>X</td> <td></td> <td>X</td> <td></td>	CHEM	1412	General Chemistry II AND	4	X		X	
ENVX 1401 Environmental Science I - Lab 0 X X GEOL 1403 Physical Geology AND 4 X X GEOX 1403 Physical Geology - Lab 0 X X X GEOL 1404 Historical Geology AND 4 X X X GEOX 1404 Historical Geology- Lab 0 X X X X PHYS 1401 College Physics I AND 4 X X X PHYX 1401 College Physics I - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X X PHYX 1403 Stars and Galaxies - Lab 0 X X X PHYS 1404 Solar System AND 4 X X X <td>CHEX</td> <td>1412</td> <td>General Chemistry II - Lab</td> <td>0</td> <td>X</td> <td></td> <td>X</td> <td></td>	CHEX	1412	General Chemistry II - Lab	0	X		X	
GEOL 1403 Physical Geology AND 4 X X X GEOX 1403 Physical Geology - Lab 0 X X X GEOL 1404 Historical Geology AND 4 X X GEOX 1404 Historical Geology- Lab 0 X X X PHYS 1401 College Physics I AND 4 X X PHYX 1401 College Physics I - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYX 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X X PHYS 1404 Solar System AND 4 X X X	ENVR	1401	Environmental Science I AND	4	X		X	
GEOX 1403 Physical Geology - Lab 0 X X X GEOL 1404 Historical Geology AND 4 X X X GEOX 1404 Historical Geology- Lab 0 X X X PHYS 1401 College Physics I AND 4 X X X PHYS 1402 College Physics II AND 4 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X X PHYS 1404 Solar System AND 4 X X X	ENVX	1401	Environmental Science I - Lab	0	X		X	
GEOL 1404 Historical Geology AND 4 X X X GEOX 1404 Historical Geology- Lab 0 X X X PHYS 1401 College Physics I AND 4 X X PHYS 1401 College Physics I - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X X PHYS 1404 Solar System AND 4 X X X	GEOL	1403	Physical Geology AND	4	X		X	
GEOX 1404 Historical Geology- Lab 0 X X X S PHYS 1401 College Physics I AND 4 X X X PHYX 1401 College Physics I - Lab 0 X X X PHYS 1402 College Physics II - Lab 0 X X X PHYX 1402 College Physics II - Lab 0 X X X PHYS 1403 Stars and Galaxies AND 4 X X X PHYS 1404 Solar System AND 4 X X X	GEOX	1403	Physical Geology - Lab	0	X		X	
PHYS 1401 College Physics I AND 4 X X PHYX 1401 College Physics I - Lab 0 X X PHYS 1402 College Physics II AND 4 X X PHYX 1402 College Physics II - Lab 0 X X PHYS 1403 Stars and Galaxies AND 4 X X PHYX 1403 Stars and Galaxies - Lab 0 X X X PHYS 1404 Solar System AND 4 X X X	GEOL	1404	Historical Geology AND	4	X		X	
PHYX 1401 College Physics I - Lab 0 X X PHYS 1402 College Physics II AND 4 X X PHYX 1402 College Physics II - Lab 0 X X PHYS 1403 Stars and Galaxies AND 4 X X PHYX 1403 Stars and Galaxies - Lab 0 X X X PHYS 1404 Solar System AND 4 X X X	GEOX	1404	Historical Geology- Lab	0	X		X	
PHYS 1402 College Physics II AND 4 X X PHYX 1402 College Physics II - Lab 0 X 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	PHYS	1401	College Physics I AND	4	X		X	
PHYX 1402 College Physics II - Lab 0 X 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	1401		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	PHYS	1402		4				
PHYX 1403 Stars and Galaxies - Lab 0 X X PHYS 1404 Solar System AND 4 X X	PHYX	1402	College Physics II - Lab	0	X		X	
PHYS 1404 Solar System AND 4 X X X	PHYS	1403	Stars and Galaxies AND	4	Х		Х	
	PHYX	1403	Stars and Galaxies - Lab	0	X		X	
PHYX 1404 Solar System - Lab 0 X X	PHYS	1404	Solar System AND	4	X		X	
	PHYX	1404	Solar System - Lab	0	Х		Х	
PHYS 1415 Physical Science I AND 4 X X	PHYS	1415	Physical Science I AND	4	Х		Х	
PHYX 1415 Physical Science I - Lab 0 X X	PHYX	1415	Physical Science I - Lab	0	Х		Х	

Section Sect	DEGREE REQUIRE	MENTS		HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT / LIC	DIST LRNG See Note 2
APTR 304 APTROUGH 10 2 2 3 X	Creative Arts		3 SH						
DRAMA 1930 Incorporation to Theorem 3	ARTS 1303	Art History I	3	Х					Х
DOMAN 228E INCOMENDA OF CHINE	ARTS 1304	Art History II	3	Х					Х
HAMA 1515 Five Arth Approximation 3 X		Introduction to Theater							
MASS 1398									
Language, Printing of the Anthropology 3 X									
AMTH_2051				Х					
DRAMA 2016 Instituty of Thomain				V					
DEMAND 2002 History of Thereir 8									 ^
ENGL 2222 Detail Leaders		·							
ENGL 2223 District Desiration							X		Х
EMGL 2327									
EMOL. 2332 Vords Lentenbur									
FERDI 1411 Deginning Fineth	ENGL 2328	American Literature II	3	Х			Х		Х
FREN. 1412 Segurinary Farech II	ENGL 2332	World Literature I	3	Х					Х
GERNA 1412 Regimming German	FREN 1411	Beginning French I	4	Х			Х		
GERNS 1472 Beginning German	FREN 1412	Beginning French II	4	Х			Χ		
MUSI 1397 Micro Laterature		, , , , , , , , , , , , , , , , , , ,							
PPIII. 1301 Introduction to Pillotic Physics 3		, , , , , , , , , , , , , , , , , , ,					Х		
PHIL. 130M Introduction to What Religions 3									
PHIL 2009 Introduction to Efficial Philosophy 3 X									
PHIL 2307 Introduction to Social and Printeral Philosophy 3							Х		
PHILE 2231 Philosophy of Religion 3									
RUSS 1411 Beginning Russian II									
RSUSS 1412 Deginning Pausein									
SPAN 1411 Beginning Spenish 4									
SPAN 1412 Bagnining Spenish I					^		X		- ^ -
SocialPelenarional Science									
GOVT 2305 Federal Government				Α					
GOVT 2306 Texas Government				Х			Х		Х
HIST 1302 United States History II	GOVT 2306	Texas Government	3	Х			Х		Х
And one of the following courses:	HIST 1301	United States History I	3	Х			Х		Х
AGRI 2317 Introduction to Agriculture Economics 3	HIST 1302	United States History II	3	Х			Х		Х
ECON 2301 Principles of Macroeconomics 3	And one of the folio	owing courses:							
ECON 2302 Principles of Microeconomics 3									
GEOG 1301 Physical Geography 3									
GEOG 1302 Cultural Geography 3		·					Х		
GEOG 1303 World Regional Geography 3									
GOVT 2304 Introduction to Political Science 3		<u> </u>					X		
HIST 2301 Texas History 3									
HIST 2311 Western Civilization									
HIST 2312 Western Civilization I	-	*					X		
HIST 2321 World Civilizations									
HIST 2322 World Civilizations I									
HIST 2381 African-American History 3		World Civilizations II							†
PSYC 2301 General Psychology 3									Х
PSYC 2314 Life Span Growth and Development 3 X X X PSYC 2315 Psychology of Adjustment 3 X X X PSYC 2316 Psychology of Personality 3 X X X SOCI 1301 Introduction to Sociology 3 X X X SOCI 1306 Social Problems 3 X X X SOCI 2301 Marriage and the Family 3 X X X SOCI 2319 Minority Studies 3 X X X Component Area Option 3-4 SH Strain of the Strain of the Strain of the Strain of Strain of the Strain of the Strain of the Strain of Strain of the Strain of Strain of the Strain of Strain o	PSYC 2301	General Psychology	3	X			X		Х
PSYC 2315 Psychology of Adjustment 3	PSYC 2308	Child Psychology	3	Х			Х		Х
PSYC 2316	PSYC 2314						X		
SOCI 1301 Introduction to Sociology 3									
SOCI 1306 Social Problems 3 X									
SOCI 2301 Marriage and the Family 3 X	-	**					Х		
SOCI 2319 Minority Studies 3 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 X ARTS 1303 Art History I 3 X X X ARTS 1304 Art History II 3 X X X BCIS 1305 Business Computer Applications 3 X X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									
AGRI 1407 Agronomy 4 X AGRI 1415 Horticulture 4 X AGRI 1419 Introduction y Animal Science (Animal Husbandry) 4 X AGRI 2317 Introduction to Agriculture Economics 3 X ANTH 2351 Cultural Anthropology 3 X ARTS 1303 Art History I 3 X X X ARTS 1304 Art History II 3 X X X BCIS 1305 Business Computer Applications 3 X X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X				^					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 X ARTS 1303 Art History I 3 X ARTS 1304 Art History II 3 X BCIS 1305 Business Computer Applications 3 X BIOL 1406 Biology for Science Majors I AND 4 X BIOX 1406 Biology for Science Majors I Lab 0 X				Y					
AGRI 1419 Introductory Animal Science (Animal Husbandry) 4 X AGRI 2317 Introduction to Agriculture Economics 3 X ANTH 2351 Cultural Anthropology 3 X ARTS 1303 Art History I 3 X X X ARTS 1304 Art History II 3 X X X BCIS 1305 Business Computer Applications 3 X X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									++
AGRI 2317 Introduction to Agriculture Economics 3 X ANTH 2351 Cultural Anthropology 3 X ARTS 1303 Art History I 3 X X X ARTS 1304 Art History II 3 X X X BCIS 1305 Business Computer Applications 3 X X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									
ANTH 2351 Cultural Anthropology 3 X ARTS 1303 Art History I 3 X X X ARTS 1304 Art History II 3 X X BCIS 1305 Business Computer Applications 3 X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									
ARTS 1303 Art History I 3 X X X ARTS 1304 Art History II 3 X X BCIS 1305 Business Computer Applications 3 X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									
ARTS 1304 Art History II 3 X X BCIS 1305 Business Computer Applications 3 X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X							Х		Х
BCIS 1305 Business Computer Applications 3 X X BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									
BIOL 1406 Biology for Science Majors I AND 4 X X BIOX 1406 Biology for Science Majors I Lab 0 X X									
· · ·	BIOL 1406	Biology for Science Majors I AND	4	Х			Х		
BIOL 1407 Biology for Science Majors II AND 4 X X	BIOX 1406	Biology for Science Majors I Lab							
	BIOL 1407	Biology for Science Majors II AND	4	Х			Х		oxdot

DEGREE REQUIREMENTS				HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT / LIC	DIST LRNG See Note 2
BIOX	1407	Biology for Science Majors II Lab	0	Х					
BIOL	1408	Biology for Non-Science Majors I AND	4	Х					
BIOX	1408	Biology for Non-Science Majors I Lab	0	Х					
BIOL	1409	Biology for Non-Science Majors II AND	4	Х					
BIOX	1409	Biology for Non-Science Majors II Lab	0	Х					
BIOL	1411	General Botany AND	4	Х					
BIOX	1411	General Botany - Lab	0	X					
BIOL	1413	General Zoology AND	4	X					
BIOX	1413 2401	General Zoology - Lab Anatomy and Physiology I AND	0 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	Х					
BIOX	2420	Microbiology for Non-Science Majors Lab	0	Х					
BIOL	2421	Microbiology for Science Majors AND	4	Х					
BIOX	2421	Microbiology for Science Majors Lab	0	Х					
BUSI	1301	Business Principles	3	Х					
CHEM	1406	Introductory Chemistry I AND	4	Х					
CHEX	1406	Introductory Chemistry I-Lab	0	X					
CHEM	1407	Introductory Chemistry II AND	4	X					
CHEX	1407	Introductory Chemistry II-Lab	0 4	X			Х		
CHEM	1412 1412	General Chemistry II AND General Chemistry II-Lab	0	X					
COSC	1301	Introduction to Computing	3	X	Х	Х	Х		Х
DRAM	1310	Introduction to Computing	3	X	^	^	^		^
DRAM	2361	History of Theatre I	3	X					
DRAM	2362	History of Theatre II	3	X					
DRAM		Introduction to Cinema	3	Х					
ECON	2301	Principles of Macroeconomics	3	Х			Х		
ECON	2302	Principles of Microeconomics	3	Х			Х		
EDUC	1101	Learning Frameworks	1	Х					
ENGL	1302	Composition II	3	Х					
ENGL	2322	British Literature I	3	Х					
ENGL	2323	British Literature II	3	X			Х		Х
ENGL	2327	American Literature I	3	X					
ENGL ENGL	2328	American Literature II World Literature I	3	X					
ENVR	1401	Environmental Science I AND	4	X			Х		
ENVX	1401	Environmental Science I-Lab	0	X				Х	
FREN	1411	Beginning French I	4	X	Х		Х	X	Х
FREN	1412	Beginning French II	4	Х	Х		Х	Х	Х
GEOG	1301	Physical Geography	3	Х					Х
GEOG	1302	Cultural Geography	3	Х			Х		Х
GEOG	1303	World Regional Geography	3	Х			Χ		Х
GEOL	1403	Physical Geology AND	4	Х			Х		
GEOX		Physical Geology Lab	0	Х					
GEOL	1404	Historical Geology AND	4	X					
		Historical Geology Lab	0	X	v		V	V	
GERM GERM	1411 1412	Beginning German I Beginning German II	4	X	X		X	X	X X
GERM	2304	Introduction to Political Science	3	X	^		^	^	^
HIST	2304	Texas History	3	X					Х
HIST	2311	Western Civilization I	3	X			X		X
HIST	2312	Western Civilization II	3	X			X		X
HIST	2381	African-American History	3	Х					X
HUMA	1315	Fine Arts Appreciation	3	Х			Х		Х
MATH	1314	College Algebra	3	Х					
MATH	1332	Contemporary Mathematics (Quantitative Reasoning)	3	Х			Χ		Х
MATH	1342	Elementary Statistical Methods	3	Х			Χ		Х
MATH	1414	College Algebra	4	X					
MATH	2412	Pre-Calculus Math	4	X					X
MUSI	1306	Music Appreciation	3	X					X
MUSI PHIL	1307 1301	Music Literature Introduction to Philosophy	3	X X					X
PHIL	1301	Introduction to Philosophy Introduction to World Religions	3	X			X		X X
PHIL	2306	Introduction to World Religions	3	X			X		X
PHIL	2307	Introduction to Social and Political Philosophy	3	X					X
PHIL	2321	Philosophy of Religion	3	Х					Х
PHYS	1401	College Physics I AND	4	Х					
		·							

DEGREE REQUIREMENTS				HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT /LIC	DIST LRNG See Note 2
PHYX	1401	College Physics I Lab	0	Х					
PHYS	1402	College Physics II AND	4	Х					
PHYX	1402	College Physics II Lab	0	Х					
PHYS	1403	Stars and Galaxies AND	4	Х			Χ		Х
PHYX	1403	Stars and Galaxies - Lab	0	Х					Х
PHYS	1404	Solar System AND	4	Х					Х
PHYX	1404	Solar System - Lab	0	Х					Х
PHYS	1415	Physical Science I AND	4	Х			Χ		
PHYX	1415	Physical Science I Lab	0	Х					
PSYC	2301	General Psychology	3	Х			Х		Х
PSYC	2308	Child Psychology	3	Х			Χ		Х
PSYC	2314	Life Span Growth and Development	3	Х			Χ		Х
PSYC	2315	Psychology of Adjustment	3	Х					Х
PSYC	2316	Psychology of Personality	3	Х					Х
RUSS	1411	Beginning Russian I	4	Х	Х		Х		Х
RUSS	1412	Beginning Russian II	4	Х	Х		Х		Х
SOCI	1301	Introduction to Sociology	3	Х			Χ		Х
SOCI	1306	Social Problems	3	Х					Х
SOCI	2301	Marriage and the Family	3	Х					Х
SOCI	2319	Minority Studies	3	Х					Х
SPAN	1411	Beginning Spanish I	4	Х	Х		Χ	Х	Х
SPAN	1412	Beginning Spanish II	4	Х	Х		Χ	Х	Х
SPCH	1315	Public Speaking	3	Х	Х	Х	Χ		Х
SPCH	1318	Interpersonal Communication	3	Х	Х	Х			
SPCH	1321	Business and Professional Communication	3	Х	Х	Х			Х
Major Requ	ıirement	s	14 SH						
ENGR	1201	Introduction to Engineering	2	Х	Х				Х
ENGR	2301	Engineering Mechanics - Statics	3	Х					Х
ENGR	2302	Engineering Mechanics - Dynamics	3	Х					Х
ENGR	2305	Electrical Circuits I	3	Х					
ENGR	2332	Mechanics of Materials	3	Х					
Total Credi	ts		60 SH						

Notes:

- 1) Students not prepared to enroll in MATH 2314 may be required to take MATH 2412.
- 2) An "X" in a column indicates that the Institution guarantees to accept credit from the source shown for at least part of the requirement.
- 3) 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.
- 4) A course may be used toward one requirement only.
- 5) Only lower-level courses are accepted in transfer.
- 6) 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.
- 8) 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-Oct-19
Term Effective:	T760