

**Central Texas College District**  
**Associate of Applied Science in Aviation Science (AAS-AVSC)**

SOCAD-2 Network: None  
Fort Hood, TX

**Degree Objective-** Prepares graduates to become pilots. The degree plan comprises 72 semester credit hours of which 38 are in aviation science. Training includes classroom studies and flight activities, and guides students in acquiring the skills, experience, and the various flight certificates needed to become a pilot. In addition to the AAS degree, a certificate of completion may be awarded based upon successful completion of the 38 semester credit hours in AIRP and AVIM prefix courses. This degree may be appropriate for transfer into a bachelor-level degree program.

**POINT OF CONTACT**  
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**Academic Residency-** 18 semester hours

DEGREE REQUIREMENTS			SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/ LIC	DIST LRNG See Note 2
<b>General Education</b>			<b>29-31 SH</b>						
<b>English</b>			<b>6 SH</b>						
ENGL 1301	Composition I	3	EN024A	X			X		X
ENGL 1302	Composition II	3	EN025A	X			X		X
<b>Speech</b>			<b>3 SH</b>						
SPCH 1315	Public Speaking	3	CM001A	X			X		X
<b>Literature (Humanities)</b>			<b>3 SH</b>						
ENGL 2322	British Literature I	3		X			X		X
ENGL 2323	British Literature II	3		X			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
<b>Fine Arts (Humanities)</b>			<b>3 SH</b>						
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 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 the Motion Picture I	3		X					
DRAM 2367	Development of the Motion Picture II	3		X					
HUMA 1315	Fine Arts Appreciation	3		X			X		X
MUSI 1116	Sight Singing and Ear Training I	1		X	X	X			
MUSI 1117	Sight Singing and Ear Training II	1		X	X				
MUSI 1181	Class Piano I	1		X		X			
MUSI 1183	Class Voice I	1		X					

MUSI 1192	Class Guitar I		1			X		X			
MUSI 1188	Percussion Class I		1			X					
MUSI 1301	Fundamentals of Music I		3			X	X	X			
MUSI 1304	Foundations of Music		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 1390	Electronic Music		3			X					
MUSI 2311	Music Theory III		3			X					
MUSI 2312	Music Theory IV		3			X					
<b>Mathematics</b>			<b>3-4 SH</b>								
MATH 1314	College Algebra		3		MH048A	X			X		X
MATH 1414	College Algebra		4		MH048A	X			X		X
<b>Science (Lab Required)</b>			<b>4 SH</b>								
AGRI 1407	Agronomy		4			X	X	X			
AGRI 1415	Horticulture		4			X					
AGRI 1419	Introductory Animal Science (Animal Husbandry)		4			X		X			
GEOL 1405	Environmental Geology		4			X					
BIOL 1406	Biology for Science Majors I	AND	4		BL003A	X					
BIOX 1406	Biology for Science Majors I Lab		0			X					
BIOL 1407	Biology for Science Majors II	AND	4		BL003A	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					
CHEX 1411	General Chemistry I-Lab		0			X					
CHEM 1412	General Chemistry II	AND	4		CH003A	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				X	
GEOL 1403	Physical Geology	AND	4		EA014A	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					
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					
<b>Social/Behavioral Science</b>			<b>3 SH</b>							
GOVT 2301	American Government I		3		X			X		X
<b>Computer Skills/Technology*</b>			<b>3-4 SH</b>							
AGRI 1309	Computers in Agriculture		3		X					X
BCIS 1405	Business Computer Applications		4		X					X
COSC 1301	Introduction to Computing		3		X	X	X	X	X	X
COSC 2425	Computer Organization and Machine Language		4	CS221A	X					X
CPMT 1403	Introduction to Computer Technology		4		X	X				X
GAME 1403	Introduction to Game Design and Development		4		X					X
IMED 1416	Web Design I		4	CS401A	X					X
IMED 2409	Internet Commerce		4	BU322A	X					X
ITNW 1425	Fundamentals of Networking Technologies		4		X	X			X	X
ITNW 1437	Introduction to the Internet		4	CS106A	X					X
ITNW 2405	Network Administration		4		X	X			X	X
ITNW 2435	Troubleshooting and Support		4		X	X				X
ITSC 1301	Introduction to Computers		3		X	X	X	X	X	X
ITSC 1405	Introduction to PC Operating Systems		4	CS104A	X	X			X	X
ITSC 1409	Integrated Software Applications I		4	OF033A	X	X				X
ITSC 1415	Project Management Software		4		X					X
ITSC 2439	Personal Computer Help Desk Support		4		X					X
ITSC 2486	Internship-Computer and Information Sciences, General		4	CS153A	X					
ITSE 1407	Introduction to C++ Programming		4	CS228A	X					
ITSE 1431	Introduction to Visual BASIC Programming		4	CS232A	X	X				X
ITSE 1450	System Analysis and Design		4	CS204A	X	X				X
ITSE 2413	Web Authoring		4	CS401A	X					X
ITSE 2417	JAVA Programming		4	CS230A	X					X
ITSE 2431	Advanced C++ Programming		4	CS229A	X					X
ITSE 2486	Internship-Computer Programming		4	CS153A	X					X
ITSW 1401	Introduction to Word Processing		4	OF006A	X	X	X			X
ITSW 1404	Introduction to Spreadsheets		4	OF034A	X	X				X
ITSW 1407	Introduction to Database		4	CS302A	X	X				X
ITSW 2486	Internship-Data Processing Technology/Technician		4	CS153A	X					X
ITSY 1400	Fundamentals of Information Security		4		X					X
ITSY 1442	Information Technology Security		4		X					X
ITSY 2400	Operating System Security		4	CS511A	X					X
ITSY 2441	Security Management Practices		4		X					X
ITSY 2459	Security Assessment and Auditing		4		X					X
	Computer Skills Elective					X	X		X	X
<b>Physical Education</b>			<b>1 SH</b>							
KINE ELEC	Kinesiology Elective		1		X	X	X	X	X	X
	Physical Education Elective				X	X	X	X	X	
<b>Major Requirements</b>			<b>38 SH</b>							
AIRP 1255	Intermediate Flight		2		X					
AIRP 1305	Aircraft Science		3		X					X
AIRP 1307	Aviation Meteorology		3		X					X
AIRP 1315	Private Flight		3		X					

DEGREE REQUIREMENTS				SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/LIC	DIST LRNG See Note 2
AIRP	1341	Advanced Air Navigation	3		X					
AIRP	1343	Aerodynamics	3		X					
AIRP	1417	Private Pilot Ground School	4		X					
AIRP	1451	Instrument Ground School	4		X					
AIRP	2239	Commercial Flight	2		X					
AIRP	2250	Instrument Flight	2		X					
AIRP	2337	Commercial Ground School	3		X					
AIRP	2355	Propulsion	3		X					
AVIM	2331	Airline Management	3		X					X
<b>Major-Related Electives</b>			<b>3 SH</b>							
HIST	1301	United States History I	3	HI201A	X			X		X
HIST	1302	United States History II	3	HI202A	X			X		X
<b>Free Electives</b>			<b>0-2 SH</b>							
		Free Elective			X	X	X	X	X	X
<b>Total Credits</b>			<b>72 SH</b>							

- 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) Only lower-level courses are accepted in transfer unless a CTC equivalent course is listed in the appropriate SOC transfer guarantee.
- \*If a student takes a 3 SH course in place of a 4 SH required computer course, the student may make up the remaining semester hour through a free elective. The student may use credit awarded for MOS or military service school.

<b>Date Effective:</b>	1-Jan-12
<b>Term Effective:</b>	T450