

**Central Texas College District**  
**Associate of Applied Science in Automotive Mechanic/Technician (AAS-AUMT)**

SOCAD-2 Network: Automobile Maintenance

Fort Hood, TX; Fort Knox, KY; Fort Leonard Wood, MO; Fort Richardson, AK;  
Fort Riley, KS; Fort Wainwright, AK. All locations: Europe.

<p><b>Degree Objective-</b> Prepares graduates for positions in the automotive technician field. Degree plan comprises 72 semester credit hours of which 51 semester hours are in the primary areas of automotive service and repair, which includes all types of hands-on experience utilizing modern equipment. The degree may be appropriate for transfer into a technical-related, bachelor-level degree program.</p>	<p><b>POINT OF CONTACT</b>  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>
<p><b>Academic Residency-</b> 18 semester hours</p>	

DEGREE REQUIREMENTS			SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/ LIC	DIST LRNG SEE NOTE 2
<b>General Education</b>			<b>18-21 SH</b>						
<b>English</b>			<b>3 SH</b>						
ENGL 1301	Composition I	3	EN024A	X			X		X
<b>Speech</b>			<b>3 SH</b>						
SPCH 1315	Public Speaking	3	CM001A	X			X		X
SPCH 1318	Interpersonal Communications	3		X					
SPCH 1321	Business and Professional Communications	3		X					X
<b>Humanities/Fine Arts</b>			<b>3-4 SH</b>						
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
ARAB 1311	Beginning Arabic I	3		X	X		X		X
ARAB 1312	Beginning Arabic II	3		X	X		X		X
ARAB 1411	Beginning Arabic I	4		X	X		X		X
ARAB 1412	Beginning Arabic II	4		X	X		X		X
ARAB 2311	Intermediate Arabic I	3		X	X		X		X
ARAB 2312	Intermediate Arabic II	3		X	X		X		X
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					
CHIN 1311	Beginning Chinese I	3		X	X		X		X
CHIN 1312	Beginning Chinese II	3		X	X		X		X
CHIN 1411	Beginning Chinese I	4		X	X		X		X

CHIN 1412	Beginning Chinese II	4		X	X		X		X
CHIN 2311	Intermediate Chinese I	3		X	X		X		X
CHIN 2312	Intermediate Chinese II	3		X	X		X		X
CZEC 1311	Beginning Czech I	3		X	X		X		X
CZEC 1312	Beginning Czech II	3		X	X		X		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					
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
FREN 1411	Beginning French I	4		X	X		X		X
FREN 1412	Beginning French II	4		X	X		X		X
FREN 2311	Intermediate French I	3		X	X		X		X
FREN 2312	Intermediate French II	3		X	X		X		X
GERM 1411	Beginning German I	4		X	X		X		X
GERM 1412	Beginning German II	4		X	X		X		X
GERM 2311	Intermediate German I	3		X	X		X		X
GERM 2312	Intermediate German II	3		X	X		X		X
HIND 1411	Beginning Hindi I	4		X	X		X		X
HIND 1412	Beginning Hindi II	4		X	X		X		X
HIND 2311	Intermediate Hindi I	3		X	X		X		X
HIND 2312	Intermediate Hindi II	3		X	X		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
HUMA 1315	Fine Arts Appreciation	3		X			X		X
INDO 1411	Beginning Indonesian I	4		X	X		X		X
INDO 1412	Beginning Indonesian II	4		X	X		X		X
INDO 2311	Intermediate Indonesian I	3		X	X		X		X
INDO 2312	Intermediate Indonesian II	3		X	X		X		X
ITAL 1311	Beginning Italian I	3		X	X		X		X
ITAL 1312	Beginning Italian II	3		X	X		X		X
ITAL 2311	Intermediate Italian I	3		X	X		X		X
ITAL 2312	Intermediate Italian II	3		X	X		X		X
JAPN 1311	Beginning Japanese I	3		X	X		X		X
JAPN 1312	Beginning Japanese II	3		X	X		X		X
JAPN 1411	Beginning Japanese I	4		X	X		X		X
JAPN 1412	Beginning Japanese II	4		X	X		X		X
JAPN 2311	Intermediate Japanese I	3		X	X		X		X
JAPN 2312	Intermediate Japanese II	3		X	X		X		X
KORE 1311	Beginning Korean I	3		X	X		X		X
KORE 1312	Beginning Korean II	3		X	X		X		X
KORE 1411	Beginning Korean I	4		X	X		X		X
KORE 1412	Beginning Korean II	4		X	X		X		X
KORE 2311	Intermediate Korean I	3		X	X		X		X
KORE 2312	Intermediate Korean II	3		X	X		X		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					
PASH 1411	Beginning Pashtu I	4		X	X		X		X
PASH 1412	Beginning Pashtu II	4		X	X		X		X
PASH 2311	Intermediate Pashtu I	3		X	X		X		X
PASH 2312	Intermediate Pashtu II	3		X	X		X		X
PERS 1411	Beginning Persian-Iranian/Afghan I	4		X	X		X		X
PERS 1412	Beginning Persian-Iranian/Afghan II	4		X	X		X		X
PERS 2311	Intermediate Persian-Iranian/Afghan I	3		X	X		X		X
PERS 2312	Intermediate Persian-Iranian/Afghan II	3		X	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
PORT 1411	Beginning Portuguese I	4		X	X		X		X
PORT 1412	Beginning Portuguese II	4		X	X		X		X
PORT 2311	Intermediate Portuguese I	3		X	X		X		X
PORT 2312	Intermediate Portuguese II	3		X	X		X		X
PUNJ 1411	Beginning Punjabi I	4		X	X		X		X
PUNJ 1412	Beginning Punjabi II	4		X	X		X		X
PUNJ 2311	Intermediate Punjabi I	3		X	X		X		X
PUNJ 2312	Intermediate Punjabi II	3		X	X		X		X
RUSS 1411	Beginning Russian I	4		X	X		X		X
RUSS 1412	Beginning Russian II	4		X	X		X		X
RUSS 2311	Intermediate Russian I	3		X	X		X		X
RUSS 2312	Intermediate Russian II	3		X	X		X		X
SPAN 1411	Beginning Spanish I	4		X	X		X		X
SPAN 1412	Beginning Spanish II	4		X	X		X		X
SPAN 2311	Intermediate Spanish I	3		X	X		X		X
SPAN 2312	Intermediate Spanish II	3		X	X		X		X
SPCH 2341	Oral Interpretation	3		X					X
TURK 1411	Beginning Turkish I	4		X	X		X		X
TURK 1412	Beginning Turkish II	4		X	X		X		X
TURK 2311	Intermediate Turkish I	3		X	X		X		X
TURK 2312	Intermediate Turkish II	3		X	X		X		X
URDU 1411	Beginning Urdu I	4		X	X		X		X
URDU 1412	Beginning Urdu II	4		X	X		X		X
URDU 2311	Intermediate Urdu I	3		X	X		X		X
URDU 2312	Intermediate Urdu II	3		X	X		X		X

	Humanities/Fine Arts Elective							X		X
<b>Mathematics</b>		<b>3-4 SH</b>								
MATH 1314	College Algebra	3	MH048A	X				X		X
MATH 1332	Contemporary Mathematics I	3	MH049A	X				X		X
MATH 1342	Elementary Statistical Methods	3	MH053A	X				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
<b>Social/Behavioral Science</b>		<b>3 SH</b>								
GOVT 2301	American Government I	3		X				X		X
GOVT 2302	American Government II	3	PO078A	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 1300	Introduction to Computing	3	CS001A	X	X	X	X	X	X	X
COSC 2425	Computer Organization and Machine Language	4	CS004A	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	CS050A	X						X
IMED 2409	Internet Commerce	4	BU042A	X						X
ITNW 1425	Fundamentals of Networking Technologies	4		X	X				X	X
ITNW 1437	Introduction to the Internet	4	CS055A	X						X
ITNW 2405	Network Administration	4		X	X				X	X
ITNW 2435	Network Troubleshooting and Support	4		X	X					X
ITSC 1301	Introduction to Computers	3		X	X	X	X	X	X	X
ITSC 1405	Introduction to PC Operating Systems	4	CS064A	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		X						
ITSE 1407	Introduction to C++ Programming	4	CS040A	X						
ITSE 1431	Introduction to Visual BASIC Programming	4	CS044A	X	X					X
ITSE 1450	System Analysis and Design	4	CS005A	X	X					X
ITSE 2413	Web Authoring	4	CS050A	X						X
ITSE 2417	JAVA Programming	4	CS042A	X						X
ITSE 2431	Advanced C++ Programming	4	CS041A	X						X
ITSE 2486	Internship-Computer Programming	4	CS019A	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	CS067A	X	X					X
ITSW 2486	Internship-Data Processing	4	CS019A	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	CS076A	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>Major Requirements</b>		<b>51 SH</b>								
AUMT 1405	Introduction to Automotive Technology	4	VO001A	X	X	X			X	
AUMT 1407	Automotive Electrical Systems	4	VO004A	X	X	X			X	
AUMT 1410	Automotive Brake Systems	4	VO005A	X	X	X			X	
AUMT 1416	Automotive Suspension and Steering Systems	4		X	X	X			X	
AUMT 1419	Automotive Engine Repair	OR 4	VO002A	X	X	X			X	
AUMT 2488	Internship-Automobile/Automotive Mechanics Technology/Technician	4	VO016A	X	X	X				X

AUMT 1445	Automotive Heating and Air Conditioning	4	VO011A	X	X	X		X	
AUMT 1472	Automotive Computer Systems	4	VO004A	X				X	
AUMT 2305	Automotive Engine Theory	3	VO002A	X				X	
AUMT 2413	Automotive Drive Train and Axles	4	VO009A	X				X	
AUMT 2417	Automotive Engine Performance Analysis I	4		X					
AUMT 2425	Automotive Automatic Transmission and Transaxle	4	VO010A	X				X	
AUMT 2434	Automotive Engine Performance Analysis II	4	VO008A	X				X	
AUMT 2437	Automotive Electronics	4	VO003A	X				X	
<b>Free Electives</b>		<b>3 SH</b>							
ITCC 1401	Exploration - Network Fundamentals	4		X					
ITCC 1404	Cisco Exploration 2 - Routing Protocols and Concepts	4		X					
ITCC 2344	CCNP4: Internetwork Troubleshooting	3		X					
ITCC 2408	Cisco Exploration 3 - LAN Switching and Wireless	4		X					
ITCC 2410	Cisco Exploration 4 - Accessing the WAN	4		X					
	Free Elective	3		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) 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.

**Date Effective:** 1-Jul-09