

Central Texas College District
Associate of Applied Science in Welding (AAS-WLD15) (AAS-WLDG)
 Fort Hood, TX; Fort Leonard Wood, MO; Fort Riley; KS

Degree Objective- Prepares graduates for a variety of technical and welding positions in the welding industry such as welding applications, welding technician, welding supervisor, and welding inspector. Degree plan comprises 60 semester credit hours of which 45 are in welding safety, oxy-fuel welding, shielded arc welding, gas tungsten arc welding, pipe welding, and related subjects. This degree may be appropriate for transfer into a technical-related, bachelor-level degree program.

POINT OF CONTACT
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Academic Residency- 15 semester hours

DEGREE REQUIREMENTS			HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/ LIC	DIST LRNG See Note 2
General Education			15 SH					
English			3 SH					
ENGL	1301	Composition I	X			X		X
Speech			3 SH					
SPCH	1315	Public Speaking	X			X		X
SPCH	1321	Business and Professional Communications	X					X
Humanities/Fine Arts			3 SH					
ANTH	2351	Cultural Anthropology	X					X
ARTS	1303	Art History I	X					X
ARTS	1304	Art History II	X					X
DRAM	1310	Theater Appreciation	X					
DRAM	2361	History of Theatre I	X					
DRAM	2362	History of Theatre II	X					
DRAM	2366	Film Appreciation	X					
ENGL	2322	British Literature I	X			X		X
ENGL	2323	British Literature II	X			X		X
ENGL	2327	American Literature I	X			X		X
ENGL	2328	American Literature II	X			X		X
ENGL	2332	World Literature I	X					X
HUMA	1315	Fine Arts Appreciation	X			X		X
MUSI	1306	Music Appreciation	X					X
MUSI	1307	Music Literature	X					X
PHIL	1301	Introduction to Philosophy	X					X
PHIL	1304	Introduction to World Religions	X			X		X
PHIL	2306	Introduction to Ethics	X					X
PHIL	2307	Introduction to Social and Political Philosophy	X					X
PHIL	2321	Philosophy of Religion	X					
Mathematics			3 SH					
MATH	1332	Contemporary Mathematics (Quantitative Reasoning)	X			X		X
Government/Political Science			3 SH					
GOVT	2305	Federal Government	X			X		X
GOVT	2306	Texas Government	X					
Major Requirements			45 SH					
WLDG	1313	Introduction to Blueprint Reading for Welders	X	X	X			
WLDG	1317	Introduction to Layout and Fabrication	X					
WLDG	1323	Welding Safety, Tools, and Equipment	X	X	X			
WLDG	1425	Introduction to Oxy-Fuel Welding and Cutting	X	X	X			
WLDG	1428	Introduction to Shielded Metal Arc Welding (SMAW)	X	X				
WLDG	1430	Introduction to Gas Metal Arc (GMAW) Welding	X	X	X			
WLDG	1435	Introduction to Pipe Welding	X					
WLDG	1434	Introduction to Gas Tungsten Arc (GTAW) Welding	X	X	X			
WLDG	1457	Intermediate Shielded Metal Arc Welding (SMAW)	X	X				
WLDG	2443	Advanced Shielded Metal Arc Welding (SMAW)	X					
WLDG	2447	Advanced Gas Metal Arc Welding (GMAW)	X					
WLDG	2406	Intermediate Pipe Welding	X					
WLDG	2453	Advanced Pipe Welding	X					
WLDG	2435	Advanced Layout and Fabrication	X					
WLDG	2435	Advanced Layout and Fabrication	X					
WLDG	2488	Internship-Welding Technology/Welder	X	X	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.
 - 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.

*If the student takes more than 16 SH in general education, the number of semester hours required in free electives is reduced accordingly to meet the minimum 60 semester hours required for the degree. For example, if the student takes 17 SH in general education, the student takes 1 SH free elective. The student may also use credit awarded for MOS or military service school.

Date Effective:	1-Jul-20
Term Effective:	T790