

Welding Technology

Associate of Applied Science in Welding Technology

First Semester			
Subject	Number	Title	Hours
WLDG	1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG	2443	Advanced Shielded Metal Arc Welding (SMAW)	4
WLDG	2406	Intermediate Pipe Welding	4
---	---	Written Communication	3
TECM	1341	Technical Algebra	3
Semester Total: 18			

Second Semester			
Subject	Number	Title	Hours
WLDG	2413	Intermediate Welding Using Multiple Process	4
WLDG	2453	Advanced Pipe Welding	4
---	---	Social / Behavioral Science	3
---	---	Math / Natural Science	3-4
Semester Total: 14-15			

Third Semester			
Subject	Number	Title	Hours
WLDG	1430	Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG	1412	Introduction to Flux Core Arc Welding (FCAW)	4
WLDG	1434	Introduction to Gas Tungsten Arc Welding (GTAW)	4
SPCH	---	Oral Communications	3

— Humanities / Fine Arts 3

Semester Total: 18

Fourth Semester			
Subject	Number	Title	Hours
WLDG	1417	Introduction to Layout and Fabrication	4
WLDG	1453	Intermediate Layout and Fabrication	4
BCIS	1305	Business Computer Applications	3
—	—	Elective	3

Semester Total: 14

Total Semester Credit Hours for Degree: 65

Certificate of Completion in Welding Technology

First Semester			
Subject	Number	Title	Hours
WLDG	1457	Intermediate Shielded Metal Arc Welding (SMAW)	4
WLDG	2443	Advanced Shielded Metal Arc Welding (SMAW)	4
WLDG	2406	Intermediate Pipe Welding	4

Semester Total: 12

Second Semester			
Subject	Number	Title	Hours
WLDG	2413	Intermediate Welding Using Multiple Process	4
*WLDG	2453	Advanced Pipe Welding	4

Semester Total: 8

****Total Semester Credit Hours for Degree: 20**

Certificate of Completion in Combination Welding

First Semester			
Subject	Number	Title	Hours

WLDG	1430	Introduction to Gas Metal Arc Welding (GMAW)	4
WLDG	1412	Introduction to Flux Core Arc Welding (FCAW)	4
WLDG	1434	Introduction to Gas Tungsten Arc Welding (GTAW)	4

Semester Total: 12

Second Semester

Subject	Number	Title	Hours
WLDG	1417	Introduction to Layout and Fabrication	4
*WLDG	1453	Intermediate Layout and Fabrication	4

Semester Total: 8

****Total Semester Credit Hours for Degree: 20**

Core curriculum courses are shown in bold type.

*Students should plan to take this capstone course their last semester and should speak with their advisor prior to registering for the final semester.

**Both certificates required for degree.

Completion of the semester course sequence is dependent on TDCJ/Lee College Huntsville Center semester unit schedule offerings.