

Welding Technology HS, Technical Certificate

Course #	Course Name	Credit Hours
WLD 102	Blueprint Reading for Fitters and Welders	3
WLD 103	GMAW Gas Metal Arc Welding	3
WLD 105	GTAW Gas Tungsten Arc Welding	3
WLD 106	Flux Cored Arc Welding	3
WLD 108	SMAW Basic Shielded Metal Arc	3
WLD 110	Welding Procedures Qualification	1
WLD 111	Welding Discontinuity and Defects	1
WLD 112	Destructive Testing Methods	1
WLD 113	SMAW Pre-Pipe	4
WLD 114	GMAW Advanced Pulse	4
WLD 115	Thermal Cutting Process	3
TCH 101	Welding Safety/OSHA 10	1
PDV 101	First Year Experience	1
PDV 001	Professional Development	
Total Credits:		31

Cost Estimate	
Technical Certificate Total Cost	\$900.00
<p>*all costs are an estimate prepared with latest cost information and may be subject to change. Account balances are due, or payment arrangements made, before the first day of the semester enrolled in. Textbooks are not included in cost estimates. Please check fhct.ecampus.com for current textbook prices.</p>	
Cost Breakdown	
Tuition/Fees/Certifications	\$100.00
Estimated Supplies	\$800.00

Welding Technology HS, Associates Degree

Course #	Course Name	Credit Hours
WLD 102	Blueprint Reading for Fitters and Welders	3
WLD 103	GMAW Gas Metal Arc Welding	3
WLD 105	GTAW Gas Tungsten Arc Welding	3
WLD 106	Flux Cored Arc Welding	3
WLD 108	SMAW Basic Shielded Metal Arc	3
WLD 110	Welding Procedures Qualification	1
WLD 111	Welding Discontinuity & Defects	1
WLD 112	Destructive Testing Methods	1
WLD 113	SMAW Pre-Pipe	4
WLD 114	GMAW Advanced Pulse	4
WLD 115	Thermal Cutting Process	3
WLD 202	Nondestructive Testing Methods	1
WLD 203	SMAW/GTAW Advanced ASME	4
WLD 204	SMAW Pipe Advanced API	4
WLD 205	GMAW Advanced ASME/API	4
WLD 206	Automated Welding	4
TCH 101	Welding Safety/OSHA 10	1
PDV 101	First Year Experience	1
PDV 001	Professional Development	
	English Gen Ed	3
	Math Gen Ed	3
	Science Gen Ed	3
	Science Gen Ed Lab	1
	Social Science Gen Ed	3
	Public Speaking	3
	Total Credits:	64

Cost Estimate	
Associate Degree Total Cost	\$1,685.00
<p>*all costs are an estimate prepared with latest cost information and may be subject to change. Account balances are due, or payment arrangements made, before the first day of the semester enrolled in. Textbooks are not included in cost estimates. Please check fhnc.ecampus.com for current textbook prices.</p>	
Cost Breakdown	
Tuition/Fees/Certifications	\$750.00
Estimated Supplies	\$800.00
Calculator	\$135.00

TESTING CRITERIA

- ACCUPLACER NEXT-GEN scores: Sentence Structure-236; Reading-236; Arithmetic-236 OR Quantitative Reasoning, Algebra, Statistics-236; **OR**
- ACCUPLACER scores: Sentence Structure 41; Reading 43; Elementary Algebra 35; Arithmetic-47 **OR**
- ACT scores: English-11; Reading-13; Math-15

WELDING TOOL LIST

Items required - not provided directly

- 6"-8" safety toe boots (must be leather): \$50-\$200
You will not be admitted to the welding lab without them!

Tools that are required with an estimated cost of \$625:

- Welding pliers/Welpers
- 8" Slip Joint Pliers
- Tungsten (2% thoriated 3/32) 10 pcs
- Clear safety glass (5)
- 25' Tape Measure
- Paint marker (not red)
- Welding Hood with grind mode
- Welding jacket
- Heavy duty welding gloves (2)
- Tig welding gloves (1)
- Welding tool bag
- Paddle C-Clamp locking pliers
- 7" Speed square
- Torpedo level
- Crescent Wrench
- Flint striker
- Pipe wedge