

**Associate in Applied Science
General Technology
Welding (AAS.GT.GTWLD 35318)**

**Total Credit Hours: 71
Effective: Fall 2004**

Graduation Plan

	Credit Hours	Pre-requisites & Co-requisites	Done
A. General Education			
ECO 101 Basic Economics	3	ENG 032 or equivalent	<input type="checkbox"/>
ENG 155 Communications I	3	ENG 032, RDG 100 or equivalent - Minimum grade of C	<input type="checkbox"/>
HSS 205 Technology and Society	3	ENG 032 or equivalent	<input type="checkbox"/>
MAT 155 Contemporary Mathematics	3	MAT 032 or equivalent - Minimum grade of C	<input type="checkbox"/>
PSY 105 Persona/Interpersonal Psychology	3	Co-requisite: ENG 032 or equivalent	<input type="checkbox"/>
SUBTOTAL	15		
B. Required Core Subject Areas			
(1) Primary Technical Specialty			
	Credit Hours	Pre-requisites & Co-requisites	Done
*EGT 114 Welding Print Basics	2	RDG 031 or equivalent	<input type="checkbox"/>
*EGT 117 Welding Print Principles	2	RDG 031 or equivalent	<input type="checkbox"/>
*WLD 104 Gas Welding and Cutting	2	RDG 031 or equivalent	<input type="checkbox"/>
*WLD 111 Arc Welding I	4	RDG 031 or equivalent	<input type="checkbox"/>
*WLD 113 Arc Welding II	4	RDG 031 or equivalent, WLD 111	<input type="checkbox"/>
*WLD 136 Advanced Inert Gas Welding	2	RDG 031 or equivalent	<input type="checkbox"/>
*WLD 152 Tungsten Arc Welding	4	RDG 031 or equivalent	<input type="checkbox"/>
*WLD 154 Pipe Fitting and Welding	4	RDG 031 or equivalent, WLD 111, WLD 113	<input type="checkbox"/>
*WLD 208 Advanced Pipe Welding	3	RDG 031 or equivalent, WLD 154	<input type="checkbox"/>
*WLD 212 Destructive Testing	2	RDG 031 or equivalent, WLD 113	<input type="checkbox"/>
SUBTOTAL	29		
(2) Secondary Technical Specialty – take 12 credit hours			
	Credit Hours	Pre-requisites & Co-requisites	Done
*WLD 201 Welding Metallurgy	2		<input type="checkbox"/>
*WLD 214 Non-Destructive Testing	2		<input type="checkbox"/>
*WLD 231 Gas Metal Arc/Flux Cored Arc Welding Pipe I	4	RDG 031 or equivalent	<input type="checkbox"/>
*WLD 240 Robotic Welding and Manufacturing	4		<input type="checkbox"/>
SUBTOTAL	12		
C. Other Hours Required for Graduation			
	Credit Hours	Pre-requisites & Co-requisites	Done
COL 101 College Orientation	1		<input type="checkbox"/>
*IMT 102 Industrial Safety	2	RDG 032, MAT 032 or equivalent	<input type="checkbox"/>
*WLD 110 Welding Safety & Health	1	RDG 032 or equivalent	<input type="checkbox"/>

* Courses in this program that require a minimum grade of "C."

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*WLD 228 Inert Gas Welding Pipe I	4	RDG 032 or equivalent	<input type="checkbox"/>
OPEN Electives to be chosen by student (min)	7		<input type="checkbox"/>
SUBTOTAL	15		

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