

Agricultural Business & Technology Institute

Welding Technology Certificate - Required Courses

2006-07

Course #	Title	Units	Semester Offered	Date Taken	Grade (when complete)
WLD 150	Basic Welding	2.0			
WLD 151	Gas and TIG Welding	2.0			
WLD 52	Sheet Metal Fabrication	2.0			
WLD 53	Welding Fabrication	2.0			
WLD 54	Advanced Arc Welding	2.0			
WLD 155	Ornamental Ironwork	2.0			
WLD 156	Toolmaking	2.0			
WLD 57	Pipe Welding	2.0			
WLD 58	Hardfacing and Surfacing	2.0			
WLD 59	Welding Metallurgy	2.0			
WLD 145	Special Projects	2.0			
DRA 64	Industrial Print Reading	2.0			
MEC 169	Hazardous Materials and Industrial Safety	1.0			
MEC 59	Industrial Materials and Processes	3.0			
ENG 57*	College Reading and Study Skills	(3.0)			
ENG 101**	English Grammar and Comp.	(3.0)			
MAT 151**	Technical Mathematics	(3.0)			
Sub-Total		31-37			
Electives – Select 6 units from the following:					
DRA 50	Intro to Drafting Technology	3.0			
MEC 53	Industrial Electricity	3.0			
MEC 54	Mechanical Skills	3.0			
MEC 55	Applied Industrial Mechanics	2.0			
MEC 56	Hydraulics and Pneumatics	3.0			
MEC 57	Commerical Referigeration	3.0			
Total units for certificate completion		37-43			

Additional Information:

* Completion of ENG 57 with a grade of C or better or a score of 15 or greater on the STARR* Basic Skills Reading Examination.

** Eligibility for English 1A may be substituted for the Engl 101 requirement

*** Completion of MAT 24 or higher may be substituted for the Math 151 requirement
A grade point average of 2.0 © or better must be maintained in the certificate program.