

# Welding and Joining Technology

## Diploma

WAJ2

### Curriculum

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<b>Basic Skills</b>	<b>8</b>
ENGL 1010 Fundamentals of English I (3)	
MATH 1012 Foundations of Mathematics (3)	
EMPL 1000 Interpersonal Relations and Professional Development (2)	
<b>Occupational Courses</b>	<b>46</b>
<b>Required Courses:</b>	40
WELD 1000 Introduction to Welding Technology (4)	
WELD 1010 Oxyfuel and Plasma Cutting (4)	
WELD 1030 Blueprint Reading for Welding Technology (4)	
WELD 1040 Flat Shielded Metal Arc Welding (4)	
WELD 1050 Horizontal Shielded Metal Arc Welding (4)	
WELD 1060 Vertical Shielded Metal Arc Welding (4)	
WELD 1070 Overhead Shielded Metal Arc Welding (4)	
WELD 1090 Gas Metal Arc Welding (4)	
WELD 1110 Gas Tungsten Arc Welding (4)	
WELD 1120 Preparation for Industrial Qualification (4)	
<b>Occupational Electives: (Choose ONE course below.)</b>	6
WELD 1150 Advanced Gas Tungsten Arc Welding (3)	
WELD 1151 Fabrication Processes (3)	
WELD 1152 Pipe Welding (4)	
WELD 1156 Ornamental Iron Works (4)	
COMP 1000 Introduction to Computer Literacy (3)	
<b>Total Credit Hour (minimum):</b>	<b>54</b>