

<b>COURSE TITLE</b>	<b>METAL INERT GAS (MIG) WELDING- (CITY &amp; GUILDS 3268 LEVEL 2)</b>
<b>COURSE AIM</b>	<p>This course is designed for those determined to obtain a qualification to enter the industry with enough skills to produce simple welded joints in non-complex positions and also for those that want a qualification for their own personal requirements.</p> <p>This course provides progression across a range of welding processes and also progression to higher levels.</p>
<b>COURSE CONTENTS</b>	<p>Students learn to produce single-run welds (multi-run permissible) in the positions specified below under the module 1 main topics with specific requirements to intermitted restart of weld.</p> <p><b>MODULE 1</b> – Production of Industry Standard Welded Joints (50 hours)</p> <p>Main Topics:</p> <ol style="list-style-type: none"> <li>1. Weld butt joints in the flat position</li> <li>2. Weld lap fillet joints in the vertical-up position</li> <li>3. Weld tee fillet joints in the vertical-up position</li> <li>4. Weld butt joints in the vertical-up position</li> <li>5. Weld tube-to-plate tee fillet in the horizontal/vertical position</li> </ol> <p><b>MODULE 2</b> - Explore Technological Metal Inert Gas (MIG) Welding Knowledge (10 hours)</p> <p>Main Topics:</p> <ol style="list-style-type: none"> <li>1. Health and Safety issues at the place of work when working with Metal Inert Gas Welding equipment</li> <li>2. Working with others             <ol style="list-style-type: none"> <li>a. Metal Inert Gas Welding process specific requirements</li> <li>b. Metal Inert Gas welds basic destructive test requirements</li> </ol> </li> </ol>
<b>DURATION</b>	60 hrs of guided learning course. Students need to invest further hours in the course, which will include private study and home assignments.
<b>SCHEDULE</b>	Twice a week between 5.30pm and 8.00 pm, or Saturdays, between 8.00am and 1.00 pm, or 1.30pm to 6.30pm.



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<b>VENUE</b>	At MCAST, at the Institute of Building and Construction Engineering, Naxxar
<b>ELIGIBILITY</b>	Over 16 years of age Completed successfully MCAST Level 2 Award (C&G 3268 Level 1 exams), in the relevant weld process. Can take own responsibility to follow technical procedures and safety and health procedures
<b>FEE</b>	Nil
<b>CERTIFICATION</b>	<p>An MCAST Certification will be awarded to those candidates who pass both home assignments and the assessment at the end of the course.</p> <p>Students who attend 80% of the course, submit all assignments but fail the exercises and project will be granted an MCAST Certificate of Attendance.</p>



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