



Course Overview: National 5 Practical Metalwork

Course Content

■ Unit 1: Bench skills

- Pupils develop skills, knowledge and understanding in the use of metalworking **hand tools**, bench-fitting work, routine sheet-metal work, and measuring and marking out.

■ Unit 2: Machine processes

- Pupils develop skills, knowledge and understanding in the use of metalworking **machines**, equipment, related processes, materials, measuring and marking out

■ Unit 3: Fabrication and thermal joining

- Pupils develop skills, knowledge and understanding in **fabrication, forming and joining** of metalwork components. Pupils develop skills in thermal joining techniques such as welding, and in measuring and marking out.

Course Assessment

■ ONGOING CLASS ASSESSMENT

- *Practical Models*
- *Teacher observation of safe working practices*
- *Class Tests*
- *Prelim*

■ FINAL SQA ASSESSMENT

- *Final practical assignment – 70 marks – 70% of grade*
- *Written exam – 60 marks (1 hour) – 30% of grade*

Course Timeline

Month	Activity
August	During this time pupils will spend one double period per week completing theory work and the other periods completing practical work.
September	
October	
November	Prelim Revision
December	<i>Prelim Exams</i>

Month	Activity
January	Final assignment
February	Final assignment
March	Final assignment
April	<i>Easter Revision</i>
May	<i>SQA Exams</i>

Other Information

- [Technical department blog](#)
- [SQA N5 Practical Metalwork Course Specification](#)
- [SQA Past Papers](#)
- [SQA Understanding Standards](#)
- Parent Forum – [In a Nutshell](#) series