**PRACTICAL METALWORKING NATIONAL 5**

**CONTENT**

The Course has 3 units:

**Bench skills**

Candidates develop skills, knowledge and understanding in the use of metalworking hand tools, bench-fitting work, routine sheet-metal work, measuring and marking out, involving complex features. Candidates develop their ability to read and use drawings and diagrams depicting both familiar and unfamiliar metalwork tasks.

**Machine processes**

Candidates develop skills, knowledge and understanding in the use of metalworking machines, equipment, related processes, materials, measuring and marking out, involving complex features.

**Fabrication and thermal joining**

Candidates develop skills, knowledge and understanding in fabrication, forming and joining of metalwork components with some complex features. Candidates develop skills in thermal joining techniques and in measuring and marking out.

**ASSESSMENT**

**Course Assessment:**

Component 1 – Question Paper. An external exam set by the SQA worth 30%.

Component 2 – Practical Assignment. An external activity set by the SQA worth 70%.

**HOMEWORK**

Due to the practical nature of this course, very little homework will be required.

**ENTRY REQUIREMENTS**

* By negotiation with the department