

Metalwork 40G

Industrial Arts/Technology Education

Stonewall Collegiate

Mr. M. Schoofs

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Program Introduction:

Metalwork 40G is a full credit course in which students will be challenged to utilize a variety of materials, processes and procedures used in a variety of areas in the field of metalwork.

Students will be expected to develop problem solving and decision making skills while completing selected projects. Emphasis will be on individual skill development.

Emphasis will be placed on:

- Shop & Machine/Tool Safety
- Sheet Metal Fabrication
- Machining and Metal Lathe
- Oxyacetylene Welding
- S.M.A.W. and M.I.G. Welding
- Separating/Forming/Bending/Fastening Techniques

Methodology:

This program is project based. Students will use allotted shop time to complete the projects assigned. The instructor will support this work with demonstration, individual instruction and print materials where warranted.

Expectations:

******Appropriate footwear and clothing are required to work in the lab.***

Assessment:

Category weights.....100% for practical work.

Students will receive assessment for completed projects as assigned, in alignment with Divisional and Provincial assessment policy.