HEAD OF DEPARTMENT: Mr Cameron Wesche

Subject Outline: Students will develop an understanding of the skills, techniques and language used within many facets of the metal fabrication industry. They will be given the opportunity to work with trade relevant hand and power tools and equipment both within and beyond the classroom environment. Students who complete this course may pursue higher certificates in metal fabrication field such as Boilermaker, Fitter and Turner, Sheet metal worker, and those students interested in obtaining traineeships or apprenticeships would have completed units contained in these qualifications.

Assessment Outline:
- Theory test
- Practical test
- Completion of set projects
- Teacher observation.

Career Pathways: This course provides students with the skills to proceed to Certificate I, II, III & IV in Engineering and/or work within the metal fabrication industry. More information can be found within the My Futures Web site www.myfuture.edu.au.

Potential Activities:

**JEN201** Metal work - Tool identification, jointing & joining, edges. (small open box, tool box)

**JEN202** Metal work – Metal fabrication jointing & joining, edges (cylinders, cones)

**JEN 203** Metal work – Metal turning, metal fabrication, theory (nail punch, fitting exercises, sliding bevel)

**JEN 204** Metal work – Metal fabrication jointing & joining, edges (Soldering, funnel/camp boiler)

Costs: There are no additional costs involved in this course.

Student Requirements: Most practical work will be conducted at school during lesson time. On occasions extra work during lunch breaks may be required. Theory and writing are part of the course and it is essential that some time be spent at home revising and reading theory notes.

Vocational Relevance: