

Manual Arts Faculty

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Studies in Manual Arts

Studies in the manual arts faculty involve the design and manufacture of products, industrial systems and graphical representations. Industrial technology refers to the procedures and techniques used to organise and control systems, and combine and process materials into useful products. It focuses on the creation, development and communication of concepts and specifications for products.

Manual Arts at North Rockhampton State High School is taught within the guidelines of the Queensland Studies Authority (QSA) Industrial Technology and Design syllabus.

Many students are aiming for one of the trade careers such as Diesel Fitting, Boiler Making, Fitting and Turning, Carpentry, Cabinet Making, etc. Others are simply gaining skills from the industrial section to use in everyday living.

Full details about the subjects offered by the Manual Arts faculty are provided in the subject information booklets. The link to these documents can be found on the quick links section, on the left hand side of website home page.

Manual Arts Subjects	
Year 8	Manual Arts (mixture of wood, metal and graphics and design)
Year 9	Manual Arts (mixture of wood, metal and graphics and design)
Year 10	Metal Manufacturing, Timber Construction, Graphics, Design and Racing Technology
Years 11 and 12	Certificate I – Engineering Certificate I – Construction Furnishing Studies Industrial Graphics

eLearning

eLearning is embedded Design Racing Technology, Industrial Graphics in year 11 and presented in a unit of work in year 9 Manual Arts and Cert 1 in Construction.

Resources

- Current computers with dedicated graphics memory
- Extensive range of Computer Aided Design (CAD) current software
- Computer Numeric Control (CNC) Router
- Computer Numeric Control (CNC) Lathe
- 2 x 3D printers
- Three fully equipped dedicated metalwork workshops
- Three fully equipped dedicated woodwork workshops