

Furniture Making Pathways A/V

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This wood based course is for students who enjoy working with timber. Successful completion of this course gives students the opportunity of gaining MSF10113 Certificate I in Furnishing and MSF20516 Certificate II in Furniture Making Pathways. The skills and knowledge developed can benefit students with both life long skills and advanced standing towards wood based occupations such as carpentry, cabinet making, shop fitting, forestry or kitchen manufacturing. The units of study combine to provide a wide variety of experiences in both designing and constructing timber based products.

What's in this course?

This course has wide appeal to all students and is very relevant for those interested in a career in a wood related occupation. The course would also assist those interested in learning practical skills for working with timber in the production of various projects.

The course has one unit per semester in Year 11 and in Year 12. To obtain the full vocational benefit of the course students must complete a work placement during the two years. Students have the opportunity of completing Certificate I in Furnishing or Cert II in Furniture Making Pathways; Competencies gained are eligible for credit transfer if students pursue further training in this field e.g. at C.I.T.

Students are expected to participate to the best of their ability, with courtesy and respect to others and equipment. Practical projects, which explore various construction methods, are completed each semester.



Units

Tools and Components

Students develop an understanding of the setup of tools, tool use, maintenance and applications considering safe practice and WHS. They investigate a variety of furniture making tools and components used in commercial industry applications and apply to chosen purposes. Students apply a variety of skills in the use of furniture making tools, components, and machinery in the production of a project with adherence to WHS practices and procedures.

Furniture Making

Students investigate and explore traditional and modern furniture design and assembly techniques, including their associated environmental and sustainability considerations. Students analyse plans and procedures for efficient production of furniture. They develop skills and knowledge in the planning and production of furniture products. Students utilise technology for design purposes and generate plans and schematics using technical drawing applications with measurements to assist construction. They apply skills and knowledge in the completion and evaluation of a furniture project.

Furniture Production

Students investigate furniture production system roles and careers, and plan for their own opportunities within the industry. Students analyse production roles that contribute to the design, planning, and production of a furniture project. They examine and solve problems typically experienced in these roles, reflecting on own and other contributions to final products.



Materials and Design

Students develop knowledge regarding material properties and finishing techniques including their benefits, preparation, and environmental considerations, evaluating these for use. They analyse the advantages of different materials in making quality furniture. Students apply their knowledge of a variety of materials and finishing techniques to a project using appropriate industry practices.

Competencies covered in the course:

- MSMENU272 Participate in environmentally sustainable work practices
- MSMOPS101 Make measurements
- MSMSUP102 Communicate in the workplace
- MSMSUP106 Work in a team
- MSMWHS100 Follow WHS procedures
- MSFFM1001 Construct a basic timber furnishing product
- MSFFM2001* Use furniture making sector hand and power tools
- MSFFM2002* Assemble furnishing components
- MSFFP2001 Undertake a basic furniture making project
- MSFFP2002 Develop a career plan for the furnishing industry
- MSFGN2001 Make measurements and calculations
- MSMENU272 Participate in environmentally sustainable work practices
- MSMPCI103 Demonstrate care and apply safe practices at work in the workplace
- MEM16008A Interact with computing technology
- MSFFM2001 Use furniture making sector hand and power tools
- MSFFM2002 Assemble furnishing components
- MSFFP2003 Prepare surfaces
- MSFFP2006 Make simple timber joints
- MSFFP2007 Identify materials used in furnishing production
- MSMSUP106 Work in a team

