

Careers in Industrial Technology

Occupations within the Industry are diverse and include:

Furniture Making,
Furniture Polishing,
Wood Machining,
Picture Framing,
Musical Instrument Making,
Wood Turning
Forestry Worker,
Set Design
Drafting
Architecture
Industrial Design
Builder/Carpenter
Production Managers.
CNC Operator.
Boat Builder
Engineer



www.melville-h.schools.nsw.edu.au

MELVILLE HIGH SCHOOL

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Industrial Technology Furniture and Timber Products

This course suits students interested in working with timber, tools and machines. It involves creating, designing and constructing furniture or any timber product.

The course leads students in the study of the timber furnishing industry through practical applications, and culminates with the construction of a Major Design Project of the students design.

Year 11 Course

Preliminary Course

The following topics are covered in relation to the timber and furniture industries:

- **Industry Study** – structural, technical, environmental, sociological and Workplace Health and Safety
- **Design and Management** – designing, drawing, computer applications and project management
- **Workplace Communication** – literacy, calculations, graphics
- **Industry Specific Content**
- **Production of Major Design Project** completed by each student.

Students will be assessed on three Assessment Tasks throughout the Preliminary Course.



Melville High School Year 11 Major Project

Year 12 Course

HSC Course

The following topics are covered in relation to the Timber Products and Furniture Industries through the development of a Major Project and a study of the relevant industry:

- **Industry Study**
- **Design and Management**
- **Workplace Communication**
- **Industry Specific Content and Production**

Students will be assessed on three Assessment Tasks throughout the HSC Course.



Melville High School Year 12 Major Works

Course Specific details

Industrial Technology - Timber Products and Furniture Industries

Unit Value: 2 Units

HSC Exam: 1.5 hours 40%

Major Project: 100 hours 60%

The Major Design Project

The Industrial Technology course leads students to the design and construction of their own individual Major Design Project. Students will make design decisions, plan, manage, construct and evaluate their own choice of practical project.

The Major Design Project and accompanying Design Folio are individually marked by HSC Markers and accounts for 60% of each students Assessment.



Further information about the course content and outcomes can be obtained from the website below.
<http://syllabus.nesa.nsw.edu.au/industrialtechnology-stage6/>