



## Materials and Technologies Specialisations (TMT) – Year 10

### Subject Outline:

The TMT course is designed to introduce students to a variety of timber/plastic and related theory for Furnishing and/or Building and Construction in senior. There is a strong emphasis on safety and skill development in workshops as well as the use of hand tools and machines to manufacture projects.

Students can expect to be in the workshops for a minimum of 2 lessons a week and 1 lesson may be spent in the classroom completing related theory.

It is mandatory that all students complete the OnGuard Safety Modules and Workshop inductions before they can commence practical activities in workshops.

### Course Content:

|                 | Description   |
|-----------------|---|
| <b>Projects</b> | A wide variety of projects can be manufactured in this course. This may include items from the following list (but not limited to: woodturning, footstool, folding stool, jewellery box, 'Pallet Project' and concreting. |

### Assessment Outline:

Students will complete a variety of assessment tasks relating to the different areas of the Materials Specialisation course. All assessment tasks have a practical and theory component which must be completed.

### Learning Pathways:

| Year 11/12 Subject               | General/Applied /Other | Potential QCE Points | Recommended     |
|----------------------------------|------------------------|----------------------|-----------------|
| Building and Construction Skills | Applied                | 4                    | No prerequisite |
| Industrial Graphics Skills       | Applied                | 4                    | No prerequisite |
| Furnishing Skills                | Applied                | 4                    | No prerequisite |

### Career Pathways:

The subject provides some advantage to students seeking school-based apprenticeships and traineeships. These apprenticeships and traineeships are a way of providing a very direct introduction or link to jobs in the furnishings industry. Examples include: cabinet maker, shop fitter, wood machinist builder and/or carpenter.

### Specific Requirements:

Students need to adhere to all workplace health and safety requirements, use correctly personal protective equipment (PPE) in line with the ITD workshop safety process.

Student **MUST** wear correct clothing in the workshop at all times, this includes leather shoes (prefer steel cap boots, but not mandatory).

**Approximate Cost: \$80**