

# SECONDARY INDUSTRIAL TECHNOLOGY (METAL & TIMBER) EDUCATION, MAJOR (0379)

Effective from: Autumn 2025

Western Sydney University Major Code: 0379

Available to students in other Western Sydney University programs?  
No

The Secondary Industrial Technology (Metal & Timber) Education Major will provide students with 60 credit points of metal and timber technologies discipline knowledge and 20 credit points of TAS pedagogy and curriculum knowledge. Together with completion of subjects in the Bachelor of Education (Secondary), this Major will enable students to meet requirements to graduate from the Bachelor of Education (Secondary) with the Industrial Technology teaching area in Timber and Metals. The Secondary Industrial Technology Education Major will span the Foundation and Development phases of the Bachelor of Education (Secondary), enabling students to develop strong pedagogical content knowledge, an understanding of evidence-based pedagogies, and skills in using assessment and feedback to guide and enhance student learning.

## Location

| Campus         | Mode     | Advice                                  |
|----------------|----------|---|
| Penrith Campus | Internal | SecondaryEnquiries@westernsydney.edu.au |

## Major Structure

**Note:** Students may need to travel to different campuses depending on subject availability and campus offerings.

Students choosing this major should seek academic advice about sequencing of subjects in relation to the 1939 Bachelor of Education (Secondary) program structure.

Students must successfully complete 80 credit points as follows.

## Start-year intake

| Course                | Title                         | Credit Points |
|-----------------------|-------------------------------|---------------|
| <b>Year 1</b>         |                               |               |
| <b>Autumn session</b> |                               |               |
| BLDG 1007             | Construction Work Safety      | 10            |
| <b>Credit Points</b>  |                               | <b>10</b>     |
| <b>Spring session</b> |                               |               |
| ARCH 1004             | Drawing and CAD               | 10            |
| <b>Credit Points</b>  |                               | <b>10</b>     |
| <b>Year 2</b>         |                               |               |
| <b>Autumn session</b> |                               |               |
| TEAC 2068             | Secondary Timber Technology 1 | 10            |
| <b>Credit Points</b>  |                               | <b>10</b>     |
| <b>Spring session</b> |                               |               |
| TEAC 2069             | Secondary Metal Technology 1  | 10            |
| <b>Credit Points</b>  |                               | <b>10</b>     |

## Year 3

### Autumn session

|                      |                              |           |
|----------------------|------------------------------|-----------|
| TEAC 3065            | Secondary Metal Technology 2 | 10        |
| <b>Credit Points</b> |                              | <b>10</b> |

### Spring session

|                      |   |           |
|----------------------|---|-----------|
| TEAC 3060            | Technological & Applied Studies Curriculum 7-10 | 10        |
| <b>Credit Points</b> |   | <b>10</b> |

## Year 4

### Autumn session

|                      |   |           |
|----------------------|---|-----------|
| TEAC 4033            | Design & Industrial Technology Curriculum 11-12 | 10        |
| <b>Credit Points</b> |   | <b>10</b> |

### Spring session

|                            |                               |           |
|----------------------------|-------------------------------|-----------|
| TEAC 3064                  | Secondary Timber Technology 2 | 10        |
| <b>Credit Points</b>       |                               | <b>10</b> |
| <b>Total Credit Points</b> |                               | <b>80</b> |

## Mid-year intake

| Course                     | Title   | Credit Points |
|----------------------------|---|---------------|
| <b>Year 1</b>              |   |               |
| <b>Spring session</b>      |   |               |
| ARCH 1004                  | Drawing and CAD                                 | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Autumn session</b>      |   |               |
| BLDG 1007                  | Construction Work Safety                        | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Year 2</b>              |   |               |
| <b>Spring session</b>      |   |               |
| TEAC 2069                  | Secondary Metal Technology 1                    | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Autumn session</b>      |   |               |
| TEAC 2068                  | Secondary Timber Technology 1                   | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Year 3</b>              |   |               |
| <b>Spring session</b>      |   |               |
| TEAC 3060                  | Technological & Applied Studies Curriculum 7-10 | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Autumn session</b>      |   |               |
| TEAC 3065                  | Secondary Metal Technology 2                    | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Year 4</b>              |   |               |
| <b>Spring session</b>      |   |               |
| TEAC 3064                  | Secondary Timber Technology 2                   | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Autumn session</b>      |   |               |
| TEAC 4033                  | Design & Industrial Technology Curriculum 11-12 | 10            |
| <b>Credit Points</b>       |   | <b>10</b>     |
| <b>Total Credit Points</b> |   | <b>80</b>     |

## **Related Programs**

Bachelor of Education (Secondary) (1939) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-education-secondary/>)