VCE VET Engineering Studies

Assessment Plan Template 2025

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Student Number:** |  |  |  |  |  |  |  |  |  |

22632VIC Certificate II in Engineering Studies (Version 1)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Assigned to: | **WorkPerf.(1st)** | **WorkPerf.(2nd)** | **IndustryProject(1st)** | **IndustryProject(2nd)** | **Product(1st)** | **Product(2nd)** | **Portfolio(1st)** | **Portfolio(2nd)** |
| VASS data entry no: | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 |
| **COMPULSORY** | MEMPE006 | Undertake a basic engineering project | 80 |  |  |  |  |  |  |  |  |
| VU23480 | Perform intermediate engineering computations  | 40 |  |  |  |  |  |  |  |  |
| **ELECTIVE** | MEM30011 | Set up basic pneumatic circuits | 40 |  |  |  |  |  |  |  |  |
| MSMENV272 | Participate in environmentally sustainable work practices | 30 |  |  |  |  |  |  |  |  |
| VU23482 | Produce basic engineering components and products using fabrication and machining operations | 60 |  |  |  |  |  |  |  |  |
| VU23483 | Perform metal machining operations | 60 |  |  |  |  |  |  |  |  |
| VU23484 | Perform metal fabrication operations | 60 |  |  |  |  |  |  |  |  |
| VU23485 | Perform basic welding and thermal cutting processes | 60 |  |  |  |  |  |  |  |  |
| VU23486 | Configure and program a basic robotic system | 60 |  |  |  |  |  |  |  |  |
| VU23487 | Create engineering drawings using computer aided systems | 60 |  |  |  |  |  |  |  |  |
| VU23488 | Use 3D printing to create products | 40 |  |  |  |  |  |  |  |  |
| *Allocation of nominal hours:* |  |  |  |  |  |  |  |  |

Assessment Plan Samples: Engineering Studies

SAMPLE 1:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Student Number:** | ***1*** | ***2*** | ***3*** | ***4*** | ***5*** | ***6*** | ***7*** | ***8*** | ***9*** |

|  |  |  |  |
| --- | --- | --- | --- |
| Assigned to: | **Product(1st)** | **Product(2nd)** | **Portfolio(1st)** |
| VASS data entry no: | 05 | 06 | 07 |
| MEMPE006 | Undertake a basic engineering project | 80 | ✓ |  |  |
| VU23480 | Perform intermediate engineering computations  | 40 |  |  | ✓ |
| VU23485 | Perform basic welding and thermal cutting processes | 60 |  | ✓ |  |
|  | *Allocation of nominal hours:* | **80** | **60** | **40** |

SAMPLE 2:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Student Number:** | ***1*** | ***2*** | ***3*** | ***4*** | ***5*** | ***6*** | ***7*** | ***8*** | ***9*** |

|  |  |  |  |
| --- | --- | --- | --- |
| Assigned to: | **Product(1st)** | **Portfolio(1st)** | **WorkPerf.(1st)** |
| VASS data entry no: | 05 | 07 | 01 |
| MEMPE006 | Undertake a basic engineering project | 80 | ✓ |  |  |
| VU23480 | Perform intermediate engineering computations  | 40 |  | ✓ |  |
| VU23482 | Produce basic engineering components and products using fabrication and machining operations | 60 |  |  | ✓ |
|  | *Allocation of nominal hours:* | **80** | **40** | **60** |

SAMPLE 3:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Student Number:** | ***1*** | ***2*** | ***3*** | ***4*** | ***5*** | ***6*** | ***7*** | ***8*** | ***9*** |

|  |  |  |  |
| --- | --- | --- | --- |
| Assigned to: | **Product (1st)** | **Portfolio(1st)** | **Portfolio(2nd)** |
| VASS data entry no: | 05 | 07 | 08 |
| MEMPE006 | Undertake a basic engineering project | 80 | ✓ |  |   |
| VU23480 | Perform intermediate engineering computations  | 40 |  |  | ✓ |
| MEM30011 | Set up basic pneumatic circuits | 40 |  | ✓ |  |
| VU23488 | Use 3D printing to create products | 40 |  | ✓ |  |
|  | *Allocation of nominal hours:* | **80** | **80** | **40** |

Notes:

1. Three assessment tasks must be selected. Reading down the columns, the ticks indicate which task each unit of competency has been assigned to.
2. You may select a maximum of two tasks of the same type. For example, a student could complete two Portfolios and one Industry Project but could not do three Portfolios.
3. Each unit of competency can only be included in one task.
4. Choose the task types that provide students the most scope for demonstrating their achievement after considering the units of competency and the scoring criteria for each task.
5. The allocation of nominal hours across tasks should be as equally weighted as possible.
6. **No task for VCE VET Engineering Studies may account for more than 100 total nominal hours in the student’s Units 3 and 4 sequence. A task accounting for more than 100 hours will not be acceptable.**
7. The VASS data entry number appears on the VASS screen where the Assessment Plan is entered. These numbers help identify the task against which the results are to be entered.
8. Refer to the current program structure for VCE VET Engineering Studies for the release numbers associated with the examinable units of competency in VCE VET Engineering Studies. This is available on the VCAA website.