

**OTUMOETAI COLLEGE**  
**NCEA MECHANICAL ENGINEERING LEVEL 1 – (L1TMEG) 2018**

MECHANICAL ENGINEERING – L1TMEG					
<i>Course Relationship to the National Vocational Pathways</i>					
<b>Construction &amp; Infrastructure</b>  <b>0</b>	<b>Manufacturing &amp; Technology</b>  <b>24</b>	<b>Primary Industries</b>  <b>24</b>	<b>Services Industries</b>  <b>0</b>	<b>Social &amp; Community Services</b>  <b>0</b>	<b>Creative Industries</b>  <b>0</b>
<i>Course Entry</i>	Open				
<i>Course Overview</i>	This is a practical based Engineering course incorporating Competenz (Engineering) and Industry Training Organisation Unit Standards. The course is intended to provide students with a well-balanced practical course. It will help students to develop lifelong skills that stimulate self-esteem, confidence and a sense of pride that will enable them to become readily employable in the Engineering industry. Students will gain experience in decision making through practical problem solving, develop self-discipline and a range of practical skills that permit safe and correct use of tools and materials, practicing the skill of reading measuring tools and calculating.				
<i>Assessment</i>	This course will be assessed to a selection of <b>Unit Standards</b> at Level 1 incorporating written work with written tests and practical work. These are assessed by the classroom teacher and moderated by an external provider. Students will have the opportunity to gain up to 24 credits from this internally assessed course.				
<i>Cost Materials</i>	<b>\$130.00</b>				

Unit Standard	Credits	Assessment Mode	Title of Standard
US22923	12	Internal	Demonstrate basic engineering workshop skills under close supervision
US22924	10	Internal	Develop a simple product using engineering materials
US22926	2	Internal	Demonstrate knowledge of safety procedures in a specific engineering workshop

## SENIOR ASSESSMENT PROCEDURES

### Legitimate Absences

(e.g., official interschool exchanges, official work experience, and explained absences).

The teacher may choose to:

- Allow for such circumstances by scheduling tests to days not affected by such approved absences.
- Give an equivalent test to the student(s) concerned on the student'(s)' return to school following an approved absence (providing reasonable notice is given).

### Assessment Opportunity

Students are expected to complete assessment activities on or before the date they are due. A further assessment opportunity will only be offered to classes where practicable. The final decision for this rests with the Head of Department. In some instances, the on-going collection of evidence by the teacher of the students' knowledge or skills may provide sufficient evidence. Such evidence, for example, may be collected by the teacher in conferencing with individual students.

### Derived Grades

These are only available for external standards and will depend on evidence available from practice examinations and other assessed work completed in class that is related to the same learning outcomes.

### Work Deadlines and Lateness

Teachers will set a date by which all internally assessed qualification tasks must be completed and handed to the teacher. Late work will not be accepted. Any extension must be negotiated 48 hours before the due date for the completion of the work. You will require evidence to support your request for extra time. The classroom teacher will only grant an extension in the case of genuine illness or other exceptional circumstances.

### How to Appeal a Grade

Appeals against internally assessed grades awarded should be made following the procedure outlined in the school policy on appeals. Students wishing to appeal a grade must do so within 48 hours of receiving notification of their assessed grade.

### Storage of Student Work

The Technology Department will retain all student assessment material until it is no longer required by NZQA for moderation purposes.

### Authenticity

Except where specified for some group tasks, all work is to be your own work and all assessment tasks will require a signed statement of authenticity from students.

### Marking and Moderation

Students' work will be marked by their subject teacher following NCEA assessment schedules. For marking consistency, some assessment tasks may be marked by the same teacher for all classes, or two or more teachers may be given a different section of the assessment to mark for all students. Moderation will take place at the beginning and end of each assessment as per Otumoetai College specification.

### Resources and Texts

Generally, all text resources, and practical equipment will be supplied by the Technology/Hard Materials Department. If students wish to use additional texts, resources or equipment, this is permissible.

**Welcome to the Technology Department. We have a large range of courses for students to pursue and a dedicated team of supportive, expert teachers to guide you.**