

UNIT STANDARD ASSESSMENTS, ELEARNING RESOURCES AND LMS MAINTENANCE

SUMMARY

As part of our multi-project 4+ year relationship, we partnered with MITO to develop eLearning modules and assessments for their training programmes. During 2018 and 2019 we worked on the development of eLearning and assessments for the New Zealand Certificate in Heavy Automotive Engineering (Level 4) and the New Zealand Certificate in Automotive Parts (Level 3).

PROBLEM

MITO was looking to update and modernise their paper-based learner study guides and unit standard assessments. MITO wanted the study guides to be available as self-paced, mobile-responsive eLearning, which learners could consume in bite-sized chunks when and where it was convenient for them to study. The practical assessments required Instructional Designers to collaborate with SMEs during development but also needed Graphic Designers to lay out the assessments in InDesign.

SOLUTION

We worked with MITO's SMEs to develop eLearning in Adapt. The eLearning study guides were designed and tested to be mobile-friendly and included interactivity and links to multimedia content to make them engaging and appealing for the learner. LearningWorks built online-only practical assessments in Microsoft OneNote, which were to be offered as an alternative to the paper-based practical assessments.

LearningWorks conducted a needs analysis and customised MITO's Totara LMS, developing additional plugins and integrating it with MITO's existing Student Management System.

OUTCOME

The outputs were a cohesive set of visually appealing and accessible resources. LearningWorks worked within MITO's educational specifications and style guidelines to quickly produce a range of practical and theory assessments, and eStudy Guides. These eLearning modules and assessments are delivered through a Totara LMS, which is maintained and monitored by LearningWorks.



Task 1 Tune a diesel engine


What you have to do

- Tune a diesel engine on **three** separate vehicles or machines.

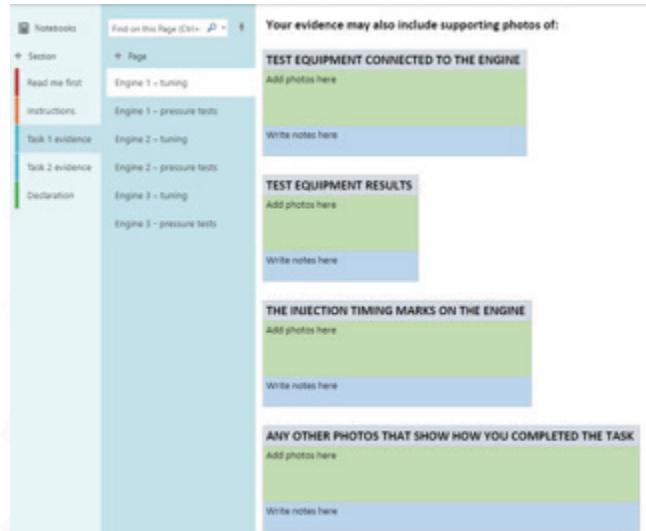
Your evidence must **clearly** show that you:

- carried out pressure tests and recorded results in the table below
- serviced the air and fuel filters
- checked and adjusted injection timing (if required)
- checked and adjusted valve clearances
- checked engine high and low idle speeds.

Note: Please read the requirements for **each** task carefully, especially regarding what evidence you need to provide.

		Evidence reference numbers (ERN)	
Tune a diesel engine.			
Your evidence must include:			
<ul style="list-style-type: none"> • job cards or invoices • the completed table on the next page • any other evidence that shows how you completed the tasks. 			
 Your evidence may also include supporting photos of: <ul style="list-style-type: none"> • test equipment connected to the engines • test equipment results • the injection timing marks on the engines • any other photos that will show how you completed the tasks. 			

Paper-based practical assessment sample



Online practical assessment (onenote) sample

“LearningWorks were instrumental in helping us achieve our vision of moving from a paper-based to an eLearning distance learning model. Both the IT and LD teams provided an excellent service, working closely with us to set up our learning management system and create high-quality eLearning and online assessment resources.”

Lee Graham
MITO