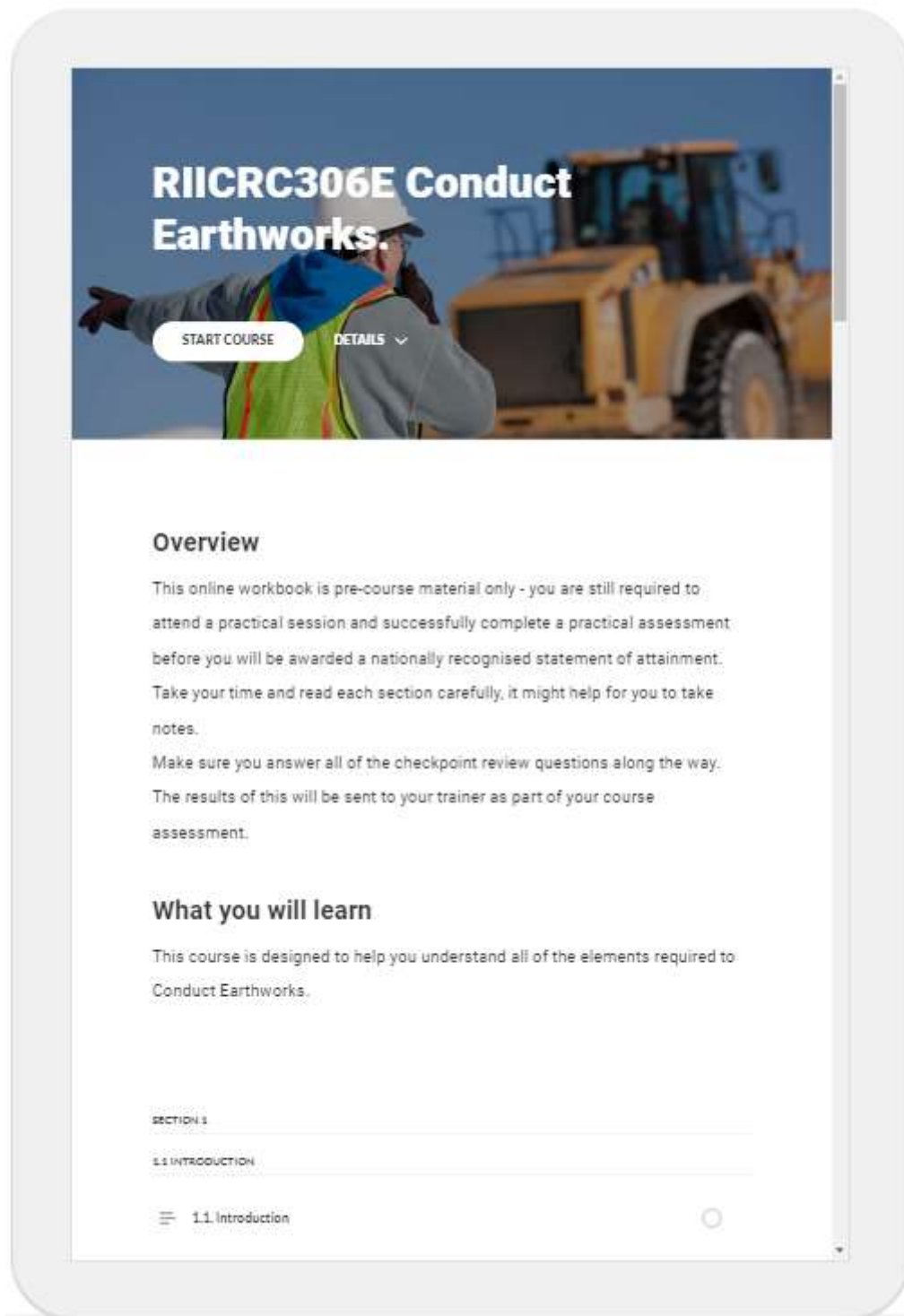


RIICRC306E Conduct Earthworks



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Overview

This online workbook is pre-course material only - you are still required to attend a practical session and successfully complete a practical assessment before you will be awarded a nationally recognised statement of attainment. Take your time and read each section carefully, it might help for you to take notes.

Make sure you answer all of the checkpoint review questions along the way. The results of this will be sent to your trainer as part of your course assessment.

What you will learn

This course is designed to help you understand all of the elements required to Conduct Earthworks.

SECTION 1

1.1 INTRODUCTION

1.1. Introduction



Lesson 1 of 69

1.1. Introduction

This course is based on the national unit of competency RIICRC306E Conduct Earthworks.

You will learn about:

- Planning and preparing your work.
- Setting out sub-grades.
- Forming earthworks.
- Placing and compacting sub-grade replacement materials.
- Cleaning up the work area.





Lesson 2 of 69

1.1.1 What are Earthworks?

Earthworks are civil construction works created by processing soils and materials into structures such as roads and walls. It generally involves machine excavation, compaction and backfilling.

Earthworks may include the:

Cutting and filling of areas with existing material	+
Forming of existing materials	+
Replacement of unsuitable materials	+
Stabilisation of unsuitable materials	+
Use of geo-synthetic materials	+

Work areas where earthworks are conducted may include:

- Haul roads.
- Formed/prepared roads.

Question

01/02

Section 1: Question 1 - Select two (2) names for the processes of adding and removing materials from the site.

- Scraping.
- Removing.
- Cutting.
- Adding.
- Filling.
- Building.

SUBMIT

Question

02/02

Section 1: Question 2 - Using site materials to create a desired configuration is called what?

- Forming.
- Moulding.
- Shaping.
- Landscaping.

SUBMIT