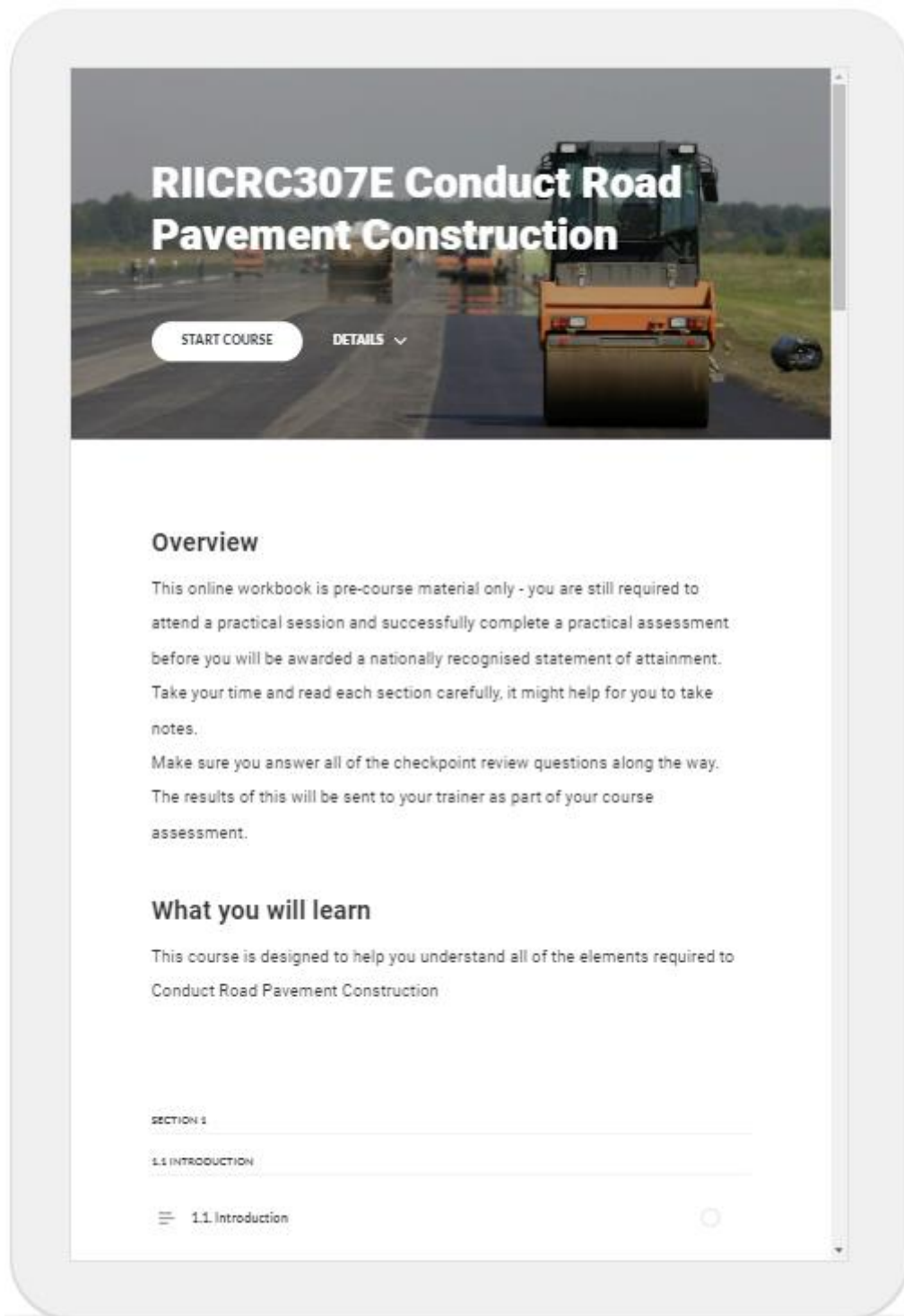


RIICRC307E Conduct Road Pavement Construction



RIICRC307E Conduct Road Pavement Construction

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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 Road Pavement Construction

SECTION 1

1.1 INTRODUCTION

☰ 1.1 Introduction



Lesson 1 of 72

1.1. Introduction

These materials are based on the national unit of competency **RIICRC307E Conduct Road Pavement Construction**.

You will learn about:

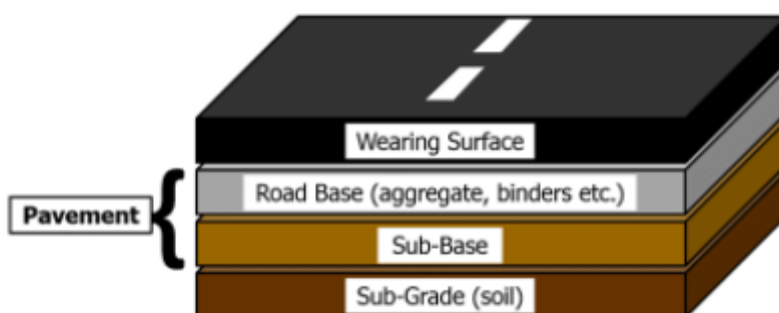
- Planning and preparing for work.
- Setting out the work area.
- Compacting materials.
- Cleaning up the work area.



CONTINUE

1.1.1 What is Road Pavement?

Road pavement is all of the materials above the sub-grade structure and below the wearing surface. It is sometimes known as the sub-base or base structure.



The construction of road pavement generally refers to finishing the surface of a road or repairing defects in the surface, rather than completing a full repair of the road.

As a guideline, the construction of road pavement involves the following steps:

- 1 Material delivery** – the materials for the work will be delivered on site in preparation for the work to begin. You may be required to direct the delivery trucks to the required locations.
- 2 Spreading and compacting** – materials are spread and compacted to the required dimensions and density, typically using rollers, graders and water trucks

Question

01/03

Section 1: Question 1 – Select three (3) vehicles are typically used for the spreading and compacting of materials for road pavement construction.

- Water trucks.
- Skid steers.
- Cranes.
- Dozers.
- Graders.
- Rollers.

SUBMIT

Question

02/03

Section 1: Question 2 - Why might repairs be made to the pavement layers prior to finishing the compaction of materials?

- To make roller operations easier.
- To hide any imperfections.
- To correct any imperfections.
- Because repairs are more cost effective than replacing damaged areas.

SUBMIT