

Introduction to Asset Modelling

The course provides you with a detailed introduction to **Reliability Centered Maintenance (RCM)** theory and practical guidelines to implementation in an age of **predictive** and **prescriptive analytics**. In addition, the course explores the importance of RCM and **statistical methods** as well as how to structure your data and knowledge in preparation for their introduction.

Key learning objectives

- The history and purpose of RCM and how to practically apply it.
- How to interpret and analyse failure data.
- Shifting your perspective from a reliability to value point of view.
- Creating and using value frameworks.
- How to prepare for prescriptive systems from data to implementation.

Topics

- Overview of Reliability Centered Maintenance (RCM)
- Statistical analysis and use of failure data
- Introduction to Value Frameworks (VF)
- Introduction to Asset Modelling structures
- Practical model development on Modla's platform

Who should attend?

Reliability engineers, maintenance analysts, project engineers, plant performance engineers, asset management professionals, data scientists.

Outputs

As part of the course, you'll develop a simple model for an equipment class you work with. The model articulates how the asset fails and should be maintained based on your understanding. The course will have equipped you with both the fundamental principles to develop the model and continuously improve upon it. It is expected that the developed model will be used to deliver value within your organisation.

Course duration

2 days (7 hr day)

Software used

app.modla.co

Location

At your office, or at our co-working space!

Prerequisites

Basic mathematics,
Basic computer literacy,
A passion for asset management.

Price

\$2,000

Inclusions

Price per person

*Includes lunch

*Discounts available for groups