

**The Department of Industrial Engineering at the Nelson
Mandela Metropolitan University will be presenting a
Short Learning Programme:
FMEA**

What is FMEA?

An FMEA (Failure Mode and Effect Analysis) is a systematic method of identifying and preventing product and process problems before they occur. FMEAs are focused on preventing defects, enhancing safety, and increasing customer satisfaction. Ideally, FMEAs are conducted in the product design or process development stages, although conducting an FMEA on existing products and processes can also yield substantial benefits.

What will be covered?

What is FMEA?
What is the purpose of FMEA?
ISO 9000, ISO/TS 16949 and FMEAs
The FMEA process
The FMEA team
The FMEA Boundaries of freedom
Product/Design VS process FMEA
Ten steps for FMEA
FMEA Case Study
When and where to use FMEAs

