INTRODUCTION TO RELIABILITY, AVAILABILITY AND MAINTAINABILITY

COURSE OVERVIEW
This course explains the basics of the theory underlying Reliability, Availability and Maintainability (RAM) and the relationship between them. The basics of RAM modelling is discussed in order to understand how RAM of discrete equipment can be used to determine RAM of complex systems.

WHO SHOULD ATTEND
This course is designed for plant engineers new to reliability principles and practices or those who want to refresh in the basic concepts.

PREREQUISITES
There are no prerequisites for this course.

YOUR OPTIONS
This course can be delivered at a client's site, and practical activities can be customised to reflect the client's own electrical equipment.
Please contact us for information and pricing on this option.

DURATION
1 day

PREREQUISITES
None
COURSE SNAPSHOT
INTRODUCTION TO RELIABILITY, AVAILABILITY AND MAINTAINABILITY

COURSE OUTLINE

WHY IS INFORMATION CONCERNING FAILURES AND FAILURE CHARACTERISTICS SO IMPORTANT?
WHAT IS A FUNCTIONAL FAILURE?
WHAT ARE THE DIFFERENT FAILURE CHARACTERISTICS?
WHAT ARE THE MOST COMMON CHARACTERISTICS?
WHAT IS THE INFLUENCE OF FAILURE CHARACTERISTICS ON THE MAINTENANCE STRATEGY?
WHAT IS RELIABILITY, AVAILABILITY AND MAINTAINABILITY?
WHAT IS MEANT WITH FAILURE RATE, MTBF AND MTTR?
RAM BASICS

LED BY EXPERTS

Working with asset owners and operators across Australia, New Zealand and PNG, the LogiCamms Asset Management team provides solutions that drive efficiency gains, cost reductions and productivity improvements to unlock higher value from client assets. Our services include:

Asset Integrity Management & Compliance
Specialist Asset Management Training
Data Science & Master Data Management
Operational Readiness

Maintenance & Reliability Engineering
Materials & Inventory Management
Plant Shutdowns & Turnarounds
Performance Consulting

For further information on your education and training options, or for possible corporate or volume discount offers, please contact us.

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Brisbane    Sydney
Melbourne   Adelaide
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PH  1300 872 585

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