

The Engineering Institute presents a Training Course on Maintenance Analysis and Optimization

COURSE DESCRIPTION

Many organizations have recognized the strategic importance of physical asset management and have succeeded in strengthening their competitive position by the effective use of asset management concepts and best practices. Senior managers must be actively engaged in obtaining the most value from the physical assets in support of corporate objectives and strategies.

This course is designed to introduce participants to the techniques of analysis and optimization of decisions related to the acquisition, use, maintenance, and replacement of physical assets.

This course forms part of our MSc in Engineering Asset Management and is being offered to industry personnel at this time as a means to effective cost control in the current economic conditions.

COURSE CONTENT

- * Physical Asset Management Maintenance Policies
- * Component Replacement Decisions
- * Inspection Decisions
- * Spare Parts Provisioning
- * Capital Equipment Replacement
- * Maintenance Resource Management

COURSE OBJECTIVES

At the end of this course, participants should be able to:

- * Review and optimize preventive/predictive maintenance programs
- * Establish maintenance policies for components requiring repair/replacement
- * Setup failure data collection and analysis systems
- * Select and use maintenance and reliability software
- * Determine risk-based failure intervals for protective devices
- * Establish optimal inspection frequencies for equipment in continuous operation
- * Identify maintenance tasks to be outsourced

PARTICIPANTS

Managers and Engineers having responsibility for any aspect of physical assets management such as Maintenance, Reliability, Purchasing, Spares, Operations, Finance.

COURSE MATERIAL

A comprehensive set of course materials will be provided in addition to the recent text of Professor Jardine (co-authored with Dr. A.H.C. Tsang) "Maintenance, Replacement & Reliability: Theory and Applications, 2nd edition, CRC Press, 2013."

Date: March 4th & 5th, 2017 and March 25th & 26th, 2017

Time: 9:00 a.m. - 5:00 p.m.

Venue: Faculty of Engineering
The University of the West Indies
St. Augustine

Course Fees: \$ 6,500.00 per participant

Package Includes:

Course material, lunch, refreshments and certificate of participation

Cheques should be made payable to the Engineering Institute.

