

Course Title: CONVEYOR DESIGN AND MAINTENANCE

Course Code: MEC 106

Course Background / Summary:

The designer or fabricator, or conveyor is often faced with problems of determining the proper belt speed, belt widths, bearing, shaft and pulleys size, and other standard components. Conveyors need to design appropriately based on the function of carrying the weight. This short course will teach about the design of conveyors and the maintenance of mechanical and electrical components.

Course Objectives:

- Differentiate the type of conveyor and its function
- Design and select standard components for conveyor construction
- Perform mechanical and electrical maintenance on a conveyor.

Target Audience:

- Industrial workers from technicians to engineers, etc.
- Teaching staff (vocational & technical teachers), lecturers, etc.

Course Duration: 3 -Days

Course Contents

1.0 Introduction to the Conveyor

2.0 Conveyor Construction and Layout

3.0 Design and Selection

4.0 Electrical Components

5.0 Conveyor Maintenance