

MECHANICAL COURSES

CUTTING TOOLS (M23A)

OBJECTIVES:

This seminar is designed to provide the trainee with knowledge on how to select the correct cutting tools for different materials.

WHO SHOULD ATTEND?

This course is recommended for technicians, machinists, and supervisors working with workshop processor or machine tools maintenance.

COURSE CONTENTS:

- Types of Tool Material
- Twists Drills
- Reamers, Counterbores, and Countersinks
- Threads and Taps
- Lathe Cutting Tools
- Milling Cutters
- Grinding Wheels

Practical Tasks:

- Selecting various tools
- Calculation of speed and feed of different types of materials
- Measuring threads and taps
- How to use tables and select the size of hole drill for hole thread
- Selecting the correct grinding wheel for different types of materials by using standard rules

Duration: 5 Days

Date:	Venue:	Cost:
Jan 24-28	Dammam	SR7,000
May 30-Jun 3	Jubail	SR 8,000
Oct 3-7	Dammam	SR7,000

DESALINATION TECHNOLOGY (M41A)

OBJECTIVE:

This Course Is Designed To Upgrade Knowledge and skills of Participants to identify desalination plant systems functions and operation.

WHO SHOULD ATTEND:

This Is Intended For Desalination and steam power Plant Operators, Formen, supervisors, engineers and senior maintenance technicians.

COURSE CONTENTS:

1. Physics Introduction
2. Desalination Processes
3. Responsibilities
4. Processes Comparisons
5. MSF desalination Plant Description
6. Description of equipment
7. Performance Calculation At MSF plant

Duration: 5 Days

Date:	Venue:	Cost:
Apr 4-8	Dammam	SR7,000
Sep 26-30	Riyadh	SR 8,000
Dec 26-30	Dammam	SR7,000