



Human Factors Integration

Description:

Human Factors Integration is the study of the interaction between people, machines and the environment and the factors that affect their interaction. Its purpose is to improve performance of the systems by improving the human machine interaction.

The module covers the basic Human Factors concepts and examines the Human Factors requirements and the Defence Standards used by the MoD. Within the MoD, Human Factors covers seven main areas of product design and development, these areas are discussed and the benefits and cost reductions of early involvement of Human Factors shown.

Aim:

To provide an overview of Human Factor Integration from the perspective of the MoD.

Duration:

2 hours.

Pre-Requisites:

None.

Designed For:

Management and project staff with little or no HFI experience.

Module Content:

The module covers the following topics:

- The benefits of Human Factors
- The relationship between Human Factors and Ergonomics
- Understand what Def Stan 00-25 is and the MoD HFI requirements
- Overview of sections 15 – 21 & 25 of Def Stan 00-25
- Introduction of the new Def Stan 00-250
- The seven HF domains, Manpower, Personnel, Training, Human Factor Engineering, Organisational and Social, Health Hazard Assessment and Safety Systems