

# ME02: Machine Statics and Dynamics

Catalogue Number	ME02-0001
Category	JobMaster
Duration	15 Hours

## Introduction to Machine Statics and Dynamics

### Skill 1: Identify Stress, Strain and Combined Stresses

- 1.1: Stress and Strain
- 1.2: Combined Stresses
- 1.3: Strength of Components
- 1.4: Skill Overview
- 1.5: Skill Drill
- 1.6: Concept Review

### Skill 2: Identify Material Fatigue and Fatigue Stress Points

- 2.1: Material Fatigue
- 2.2: Fatigue Stress Points
- 2.3: Skill Overview
- 2.4: Skill Drill
- 2.5: Concept Review

### Skill 3: Identify Fatigue Failure and Failure Modes

- 3.1: Fatigue Failure
- 3.2: Failure Modes
- 3.3: Skill Overview
- 3.4: Skill Drill
- 3.5: Concept Review

## Comprehensive Post-Test