



# ASQ CRE Prep course

Lesson VI. B. 2.

Corrective Maintenance  
Analysis

# Corrective Maintenance

**Design for CM**

**Ease of maintenance**

**Ease of diagnostics**

**Component**

**Compatibility**



# Considerations

**High system  
effectiveness**

**Optimize logistical  
support**

**Quick restoration by  
average skill set**

**Estimate CM downtime**

**Create fault isolation**



# Design Guidelines

**Standardization**  
**Modularization**  
**Functional packaging**  
**Interchangeability**  
**Accessibility**  
**Malfunction annunciation**  
**Fault isolation**  
**Identification**



# A few more considerations

**Repair time**

**Trained personnel**

**Redundancy**



What happens  
when a system is  
difficult to repair?



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Lesson VI. B. 3.

Non-Destructive Evaluation