



ASQ CRE Prep course

Lesson I. B. 4.

Product Lifecycle Engineering

A photograph of an astronaut in a white spacesuit with an American flag on the back, working on a piece of equipment covered in gold and orange thermal insulation on the lunar surface. The astronaut is standing on the moon's surface, which is covered in dust and rocks. The background is the dark, featureless sky of space.

Where reliability fits in

PRODUCT LIFE CYCLE ENGINEERING

Elements of a Lifecycle

- **Concept / Planning**
- **Design / Development**
- **Production / Manufacturing**
- **Operation / Repair**
- **Wear-out / Disposal**

Miscellaneous Lifecycle Tools

- **Reliability growth**
- **Plans and schedules**
- **Software containment**
- **Cost effectiveness**

Where does
reliability
play a role?



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Lesson I. B. 5.

Design Evaluation