



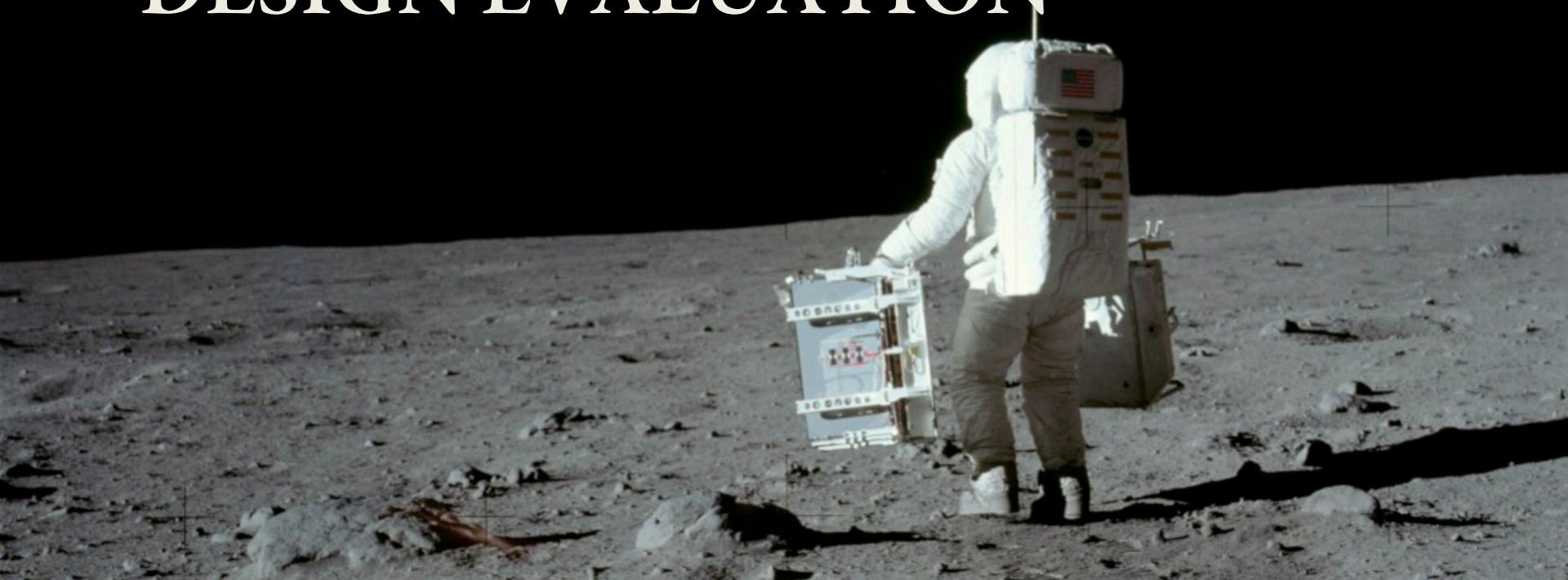
ASQ CRE Prep course

Lesson I. B. 5.

Design Evaluation

Does the design do what it should over time?

DESIGN EVALUATION



ISO 9001 Design Steps

Design &
Development
Planning

Design
Input

Design
Controls

Design
Output

Design Tools

- **GD&T**
- **DfM / DfA**
- **Value Engineering**
- **DOE**
- **FMEA**
- **FEA**
- **Solid Modeling**
- **Simulation techniques**
- **CAD / CAE**
- **Reliability engineering plans**

Requirement Management

- **Unambiguous**
- **Correct**
- **Verifiable**
- **Consistent**
- **Complete**



Change Management

- Submitting
- Evaluating
- Reviewing
- Scheduling
- Implementing





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Lesson I. B. 6.

Systems Engineering and
Integration