



ASQ CRE Prep course

Lesson III. A. 7. a.

Design of Experiments

How We Experiment

Iterative Approach

Questions

- **Does this design work?**
- **Can we improve performance?**
- **Let's improve yield?**

Answers

- **It appears to...**
- **Let's show it's better...**
- **The material effects...**

Ask Questions

A photograph of a man from behind, sitting on a bench and looking out over a landscape at sunset. The sun is low in the sky, creating a bright glow and lens flare. The man is wearing a dark jacket and sunglasses. The text 'Ask Questions' is overlaid in a large, serif font at the top of the image.

Find Out as Much as You Can
about the Problem



Don't Forget Non-statistical Knowledge



Define Objective





Learn From Each Other: Theory & Practice

How do you do
experiments?



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Design of Experiments

Differences & Approaches