



# ASQ CRE Prep course

Lesson III. A. 7.

Design of Experiments

A close-up, low-angle shot of the interior of a classic car. The focus is on the dashboard, which is made of dark wood with a horizontal grain. The dashboard features several analog gauges and a central radio unit. The steering wheel is also made of wood and has a three-spoke design. The car's interior is dark, and the windows show a blurred view of a street with other cars and buildings. The text "Exploring multiple variables in one experiment" is overlaid in white, bold, sans-serif font in the lower-left quadrant of the image.

**Exploring multiple variables  
in one experiment**



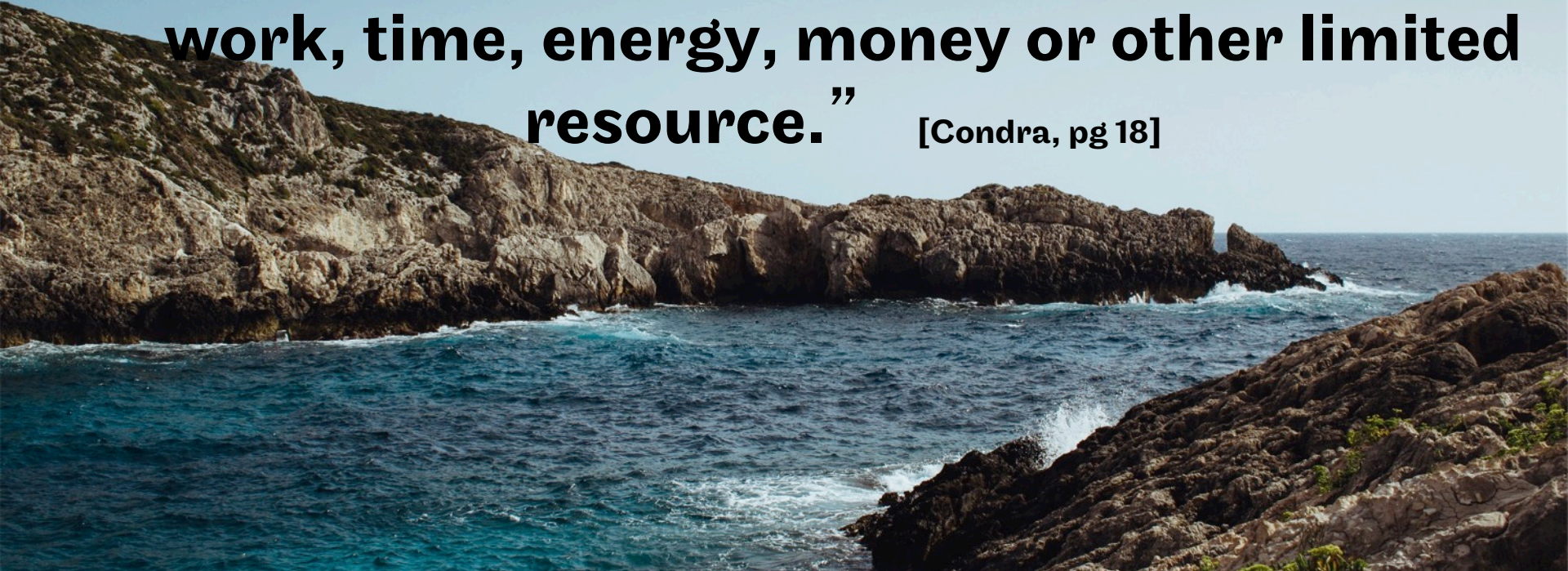
A person is sitting on a light-colored metal stool. They are wearing a tan-colored cardigan, dark blue jeans, and brown leather boots. They are adjusting the hem of their jeans with both hands. The background is a wooden floor with some greenery visible in the upper right corner.

**Experiment to  
learn something**



**“A technique to obtain and organize the maximum amount of conclusive information from the minimum amount of work, time, energy, money or other limited resource.”**

**[Condra, pg 18]**





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Questions?





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How We Experiment