


CRE EXAM PREPARATION COURSE

Becoming certified as a Reliability Engineer (CRE) can be valuable to your employer and your career.

The certification is being offered through ASQ and IEEE jointly.

 OPS ALACARTE™ has offered the Exam Preparation Course for several years. Students have found it very valuable in preparing for the exam.

The success rate in passing is several times higher for students that have taken the course compared to those that have not!

Even if you are not planning on taking the exam but need a good, in-depth course in reliability, this can benefit you substantially.

Course Starts January 12, 2010

- Instructor:** Doug Farel, CRE of Ops A La Carte
Schedule: Seven consecutive Tuesdays 6 - 10 PM from January 12 through February 23, 2010
Location: Santa Clara, CA
Course Fee: \$1,295 including materials (Text Book and Solutions Book will be distributed the first night). A 25% discount is extended to anyone who is currently unemployed. Please note that this course fee does not include the fee for the examination which is collected by ASQ directly.
Registration: This course fills up quickly and seating is limited. Please register at: eventsinfo or call (408) 654-0499
Exam Date: March 6, 2010

Also note that this course is available via web conference if cannot attend on site.

CRE COURSE OUTLINE

- I. RELIABILITY MANAGEMENT
 - A. Strategic management
 - B. Reliability program management
 - C. Product safety and liability
- II. PROBABILITY AND STATISTICS FOR RELIABILITY
 - A. Basic concepts
 - B. Statistical inference
- III. RELIABILITY IN DESIGN AND DEVELOPMENT
 - A. Reliability design techniques
 - B. Parts and systems management
- IV. RELIABILITY MODELING AND PREDICTIONS
 - A. Reliability modeling
 - B. Reliability predictions
- V. RELIABILITY TESTING
 - A. Reliability test planning
 - B. Development testing
 - C. Product testing
- VI. MAINTAINABILITY AND AVAILABILITY
 - A. Management strategies
 - B. Analyses
- VII. DATA COLLECTION AND USE
 - A. Data collection
 - B. Data use
 - C. Data and failure analysis tools