


## CRE EXAM PREPARATION COURSE

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

 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 August 26, 2008*

- Instructor: Doug Farel, CRE of Ops A La Carte
- Schedule: Seven consecutive Tuesdays 6 - 10 PM from  
August 26 through October 7, 2008
- 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: October 18, 2008

## 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