Certified Quality Inspector (CQI) Review

Advance your career and attain the credential of ASQ Certified Quality Inspector. This 3-day (24-hour) course includes classroom instruction along with group discussion, as well as sample training materials to prepare you for the ASQ exam.

You will need to register with your local ASQ Section to sit for the semi-yearly exam. Exam applications are obtained through ASQ and must be completed and approved by the date set by ASQ. The application is not available through San Jacinto College and the associated costs of the application process are not included in this program.

WHO SHOULD ATTEND
Quality personnel who are preparing for the ASQ Certified Quality Inspector (CQI) exam or want to further their professional development along with Quality Auditors, Engineers, and Managers who are interested in a refresher course.

Since this is a review course, students are expected to obtain their own materials and study as much as possible prior to the review date. We will be referencing the Quality Council of Indiana CQI Primer, Solutions Text and Exam CD as we teach this review course. If you would like to purchase materials consistent with the material being presented in the review course, they are available through Quality Council of Indiana, 800-660-4215, or http://www.qualitycouncil.com/cqi_p.asp

In order to have the highest likelihood of success on your exam, we encourage the students to obtain their study materials as soon as possible in order to have plenty of time to study prior to the class date.

Note: This review course is designed to assist in preparing each student for the CQI exam. These examinations are offered through the American Society for Quality (ASQ). Completion of these review programs through San Jacinto College will not guarantee that you will pass the exam, but will offer a broad review on the Body of Knowledge, and greatly increase your probability of success in obtaining your certification. Exam applications are obtained through ASQ and must be completed and approved by the date set by ASQ. The application is not available through San Jacinto College and the associated costs of the application process are not included in this program.

CONTINUING EDUCATION UNITS: 2.4
(Duration: 24 hours)

Location: San Jacinto College
Central Campus
8060 Spencer Hwy
Pasadena, Texas 77505

Date: Jan 20th – 22nd, 2015
Time: 8am – 5pm
Cost: $1175

Registration Deadline: Tuesday, January 6th, 2015

More information contact or to Register:
David Lewis 281.542.2061 or David.Lewis@sjcd.edu

Visit our website:
http://www.sanjac.edu/cpd/bp-training
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Agenda

• Certified Quality Inspector Overview  
  o CQI Exam  
  o ASQ Code of Ethics  
  o CQI Body of Knowledge

• Technical Mathematics  
  o Basic Math  
  o Algebra  
  o Basic Geometry  
  o Angles and Trigonometry  
  o Measurement Systems & Conversions

• Metrology  
  o Common & Special Gages  
  o Gage Selection and Handling  
  o Specialized Inspection Equipment

• Calibration  
  o Calibration Systems  
  o Standards & Equipment Traceability  
  o Calibration Environment  
  o Measurement Characteristics & Terms  
  o R&R Studies

• Blueprint Reading  
  o Blueprint components  
  o GD&T Terminology

• Sampling  
  o Characteristics, Sampling Plans

• Inspection & Testing  
  o Planning and Procedures  
  o Testing Methods

• Statistical Applications  
  o Basic Statistics  
  o Statistical Process Control

• Quality Improvement  
  o Quality Concepts  
  o Products vs. Processes  
  o Quality Audits  
  o Quality Tools and Techniques