

Logging In

The screenshot shows the QualityTrainingPortal.com Learning Management Center interface. The browser title bar reads "QualityTrainingPortal.com - Training for Quality and Productivity Improvement". The page header includes "Resource Engineering Learning Management Center" and "Learning Management Center" with the Resource Engineering logo. The main content area is titled "Training News" and contains a "Select Existing User" dialog box. This dialog box has fields for "Last Name:", "First Name:", and "MI", a list of users (Admin, Admin; McDermott, Robin; Mikulak, Ray; Seven, February; Tester, New), a "Password:" field, and buttons for "New User", "Change", "OK", and "Exit". A yellow callout points to the dialog box with the text: "Select an existing user and enter your password". Another yellow callout points to the "New User" button with the text: "Or ... add a new user (learner) if this feature is enabled." A third yellow callout points to the right side of the page with the text: "Once you login, your name and the details of your Training Administrator will show". A fourth yellow callout points to an orange "INSTRUCTIONS" box at the bottom with the text: "Instructions are always displayed in this area." The orange box contains the text: "To begin your training, click on the Start Training button." The right sidebar shows "You are logged in as:" and "Your Training Admin:" fields, a "start training" button, and "return to news" and "exit" buttons. The footer contains the copyright notice: "© 2006 Resource Engineering, Inc. All rights reserved."

Course Registration

The screenshot shows the 'Course Registration' page on the QualityTrainingPortal.com. The page is divided into several sections:

- Master Courses / Current Course Assignments:** A list of assigned courses including 'DOE: Screening Experiments', 'SPC Workout (Service Version)', 'Advanced SPC', 'The 5S's: Workplace Organization', and 'Lean Manufacturing'.
- Targeted Training Courses / Current Course Assignments:** A list of assigned courses including 'Process-FMEA Basics'.
- Available for Assignment:** Two lists of courses available for assignment. The first list includes 'SPC Workout', 'FMEA Investigator', 'FMEA Investigator (Service Version)', 'Mistake-Proof It!', 'Gage Mentor', and 'Measurement System Analysis'. The second list includes 'Design-FMEA Basics'.
- Course Description:** A section for viewing the details of a selected course.
- Navigation and User Information:** On the right side, it shows the user is logged in as 'Ray Mikulak'. Below this are buttons for 'return to courses', 'assign course', 'administration', 'return to news', and 'exit'. There is also a link for 'Other courses offered by Resource Engineering'.

Yellow callout boxes provide instructions:

- Top Callout:** 'These are courses already assigned to you.' (points to the Master and Targeted Training sections)
- Right Callout:** 'When done assigning courses, select the Return to Courses button.' (points to the 'return to courses' button)
- Bottom-Left Callout:** 'Follow the Instructions' (points to the instructions box)
- Bottom-Middle Callout:** 'These are courses NOT already assigned to you. They are available for assignment.' (points to the 'Available for Assignment' sections)
- Bottom-Right Callout:** 'Select a course from the list of courses AVAILABLE FOR ASSIGNMENT and then click on the Assign Course button.' (points to the 'assign course' button)

INSTRUCTIONS
To add a course, select from the available courses and then click the Assign Course button. Click on Return to Courses to access assigned courses.

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Accessing Courses Already Assigned

The screenshot shows the QualityTrainingPortal.com interface. At the top, it says "QualityTrainingPortal.com - Training for Continuous Improvement". Below that is "DEMO Learning Management Center" and "Assigned Courses". On the right, there is a user profile for "Ray Mikulak" with a login ID of "raym@reseng.com".

Annotations include:

- A yellow callout pointing to the "Master Courses" list: "This lists courses currently assigned to the learner".
- A yellow callout pointing to the course title "The 5S's: Workplace Organization": "To select an assigned course, click on that course title here".
- A yellow callout pointing to the "assign more courses" button: "To assign more courses, click here".
- A yellow callout pointing to the course title in the description: "To 'launch' the selected course, click here".

The "Master Courses" list includes:

- DOE: Screening Experiments
- SPC Workout (Service Version)
- The 5S's: Workplace Organization**
- Lean manufacturing
- 8-D Problem-Solving

The "Course Description" for "The 5S's: Workplace Organization" includes:

- Course:** The 5S's: Workplace Organization
- Description:** The 5S's course includes step-by-step guidelines to implement the 5S's throughout the entire organization. Examples are included throughout the training.
- Course CEUs:** 0.5
- Estimated time to complete:** 5 hours
- Total Modules:** 2 Units / 2 Tests
- Tests Completed/Required:** 2 out of 2
- Date Course Completed:** 02/07/2006
- Score for Course:** 24%
- [Print Certificate](#)

At the bottom, there is an "INSTRUCTIONS" box that says: "To begin any of your assigned courses, click on the course title you would like to access."

Launch the Training

nn Learning Management Center
SPC Workout

Number of Modules: 3 Units / 3 Tests
Course CEUs: 0.7

Unit 1: Statistics Primer [Launch](#)
Description: This unit consists of 6 lessons; it should take about 2 hours to complete. Lessons include: Introduction to Variation; Measuring Variation; Patterns of Variation; Measures of Variation, the Normal Curve, & Stability.

Unit 1 Challenge: Statistics Primer [Launch](#)
Description: The Challenge is a random selection of 10 questions that help you test your comprehension of the topics covered in the unit.
Date Challenge Completed: N/A
Score for Challenge: N/A

Unit 2: Using Control Charts [Launch](#)
Description: This unit consists of 6 lessons. It should take between 2-3 hours to complete this unit. Lessons include: What are Control Charts, What Do Control Charts Look Like, Interpreting Control Charts & Taking Action, Types of Control Charts, Using Variable Control Charts, & Using Attribute Control Charts.

Unit 2 Challenge: Using Control Charts [Launch](#)
Description: The Challenge is a random selection of 10 questions that help you test your comprehension of the topics covered in the unit.
Date Challenge Completed: N/A
Score for Challenge: N/A

Unit 3: Process Capability Basics [Launch](#)

INSTRUCTIONS
To access any module of a course, click on the launch link for that module. Click on Return to Courses to access other assigned courses.

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You are logged in as:
Ray Mikulak

Your Training Admin:
nn
nn
nn
nn

return to courses

administration

return to news

exit

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Start the Training

The screenshot shows a training interface with a blue header and a grey main area. On the left, a 'Menu' section contains several buttons: 'Background for DOE' (highlighted in orange), 'Why DOE?', 'DOE Terminology', 'Types of Designed Experiments', 'Tests of Significance', 'Setting Up a Designed Experiment', and 'CHALLENGE'. In the center, a large box titled 'LESSON OBJECTIVES' is currently empty. On the right, a navigation panel includes icons for a book, speaker, and question mark (the latter is highlighted by a yellow callout), along with buttons for 'exit', 'full course map', and 'table of contents'. A status bar at the bottom left contains a welcome message and instructions. A progress bar at the bottom right shows '141' and a media control interface.

Menu

- Background for DOE
- Why DOE?
- DOE Terminology
- Types of Designed Experiments
- Tests of Significance
- Setting Up a Designed Experiment
- CHALLENGE

LESSON OBJECTIVES

Screening Experiments

at 1: Background for DOE

exit

full course map

table of contents

141

Roll your mouse over any of the lesson buttons to see the Lesson Objectives. Click on the lesson button to start that lesson.

Welcome! If this is the first course you are taking, we recommend that you view the Help for this training by clicking on the "?" icon in the navigation panel on the right. Otherwise, to begin the training, select the first lesson button from the buttons above.