



Managing Improvement via Modern Design of Experiments (DOE)

This new workshop offers the perfect introduction to design of experiments (DOE) for scientists, engineers, quality professionals and managers of technical personnel. It illustrates an array of practical statistical tools for design and analysis of experiments aimed at breakthrough product improvement and process optimization. It begins with basic concepts of DOE illustrated by several fun, but informative, case studies, such as making microwave popcorn and starting a reluctant weed whacker. A hands-on exercise provides insights on the power of multifactor experimentation.

After establishing the foundational methods, the workshop progresses into response surface methods (RSM) for optimization. Once again, the material will be presented in an easy-to-digest, light and humorous manner, with fun case studies. During this session, participants will learn to appreciate all that DOE can do to find their sweet spot (the ideal settings for process factors) and learn tools for minimizing variance that will be especially useful for those involved in Six Sigma or Design for Six Sigma (DFSS) quality initiatives.

Participants of this workshop will receive a free copy of the newly published "*RSM Simplified: Optimizing Processes Using Response Surface Methods for Design of Experiments*" — a \$50 value included in their workshop registration cost! The book, co-authored by co-presenter Mark Anderson, comes with a fully-functional, but time-limited, educational version of software*, which makes statistical calculations easy. For more details about the workshop, call Mark at 612.378.9449 x13 or e-mail him at Mark@StatEase.com.

Price: \$349**

C.E.U.'s: 0.8

Date: November 14th, 2006

Location: Charlotte Marriott Exec. Park, Charlotte, NC

Stat-Ease, Inc.

2021 E. Hennepin Ave., Suite 480

Minneapolis, MN 55413-2726

p: 612.378.9449, f: 612.378.2152

e: info@statease.com, w: www.statease.com

Registration

Please fill out the form below. Payment can be made with a purchase order or credit card. (Prepayment is required for international orders. Contact us for details.)

Purchase Order (PO)# _____
Credit Card: ___ Visa ___ MC ___ AMEX ___ JCB
 ___ Optima ___ Discover ___ Diner's Club
Card # _____ Exp. Date ___/___
Cardholder (print) _____
Cardholder (sign) _____

Address Information (attach a business card or fill out the form below)*:

Student(s) _____

Company _____
Address _____

City _____
State _____ Zip Code _____
Phone (_____) _____
Fax (_____) _____
E-mail _____

___ Sign me up for the DOE FAQ Alert newsletter (include e-mail address above).

*Software

Software is included in the "*RSM Simplified*" text to practice what you've learned at home. It runs for 180 days after installation on any given PC.

**Notes

Discount for Multiple Students—If there are three or more registrants from the same company, the fee is reduced by \$70 per person. The fee includes: course materials, "*RSM Simplified*" text, refreshments, and lunches.