Design of Experiments

December 15, 16, 17, 2026 (8:-00am - 5:00pm each day)

Overview:

Design of Experiments (DOE) is a proven methodology for optimizing product design parameters and achieving robust, data-driven results. This three-day program begins with the fundamentals of DOE and progresses to advanced concepts, methods, and principles for effective experimental design and analysis. This workshop will be presented in 3, full day, instructor-led training session at Oregon Life Sciences Bend, OR location.

How You Will Benefit:

Upon completion of this course, participants will be able to:

- *Explain the terminology and principles of experimental design.*
- *Give examples of continuous and categorical factors.*
- *Give an example of a two-factor interaction.*
- *Explain what a two-level experiment is.*
- *Create design matrices for two-level experiments.*
- *Analyze data from two-level experiments and apply the results*
- *Describe the Experimental Cycle.*
- *Describe the most effective strategy of experimentation.*
- *Describe different types of experiments and the corresponding objectives.*
- *Perform sample size calculations for screening and optimization experiments.*
- *Create design matrices for screening and optimization experiments.*
- *Apply single-response analysis techniques to screening and basic optimization experiments.*
- *Apply multiple-response analysis techniques to basic and robust optimization experiments*

Who Should Attend:

This course is for people who are involved in product or process development, optimization, and problem-solving. It is ideal for anyone who wants to apply Design of Experiments (DOE) to systematically identify key factors, optimize performance, reduce variability, and make data-driven decisions.

Course Prerequisites:

The are no prerequisites for this course.

Course Fees

Your cost for this training workshop, including a comprehensive workbook and handouts is $995.00 per person .

For more information or to reserve your place, please contact ETI Group

Tel: 425-971-2990 or 503-484-5979Email: info@etigroupusa.com

Website: www.etigroupusa.com