Overview

In this course, you will learn how to use several design functions found within Mathcad. This course is designed for users who want to use Mathcad to analyze data resulting from experiments designed to understand the relationship between input variables and response variables in a system or process. You will complete Pro/FICIENCY skills assessment questions for this course. These questions are used to help reinforce your understanding of the course topics and form the basis for daily review sessions.

Course Objectives

- Understand the basics of experimental design
- Create design matrices
- Create screen factors
- Perform a regression analysis
- Perform a Monte Carlo simulation
Prerequisites

- Mathcad Prime 4.0 Essentials

Audience

- This course is intended for intermediate or advanced users of Mathcad.
## Table of Contents

| Module | 1 | Design of Experiments |