

HEEDS Advanced Training (Day 2)

Discover Better Designs, *Faster*

You've chosen the most powerful design exploration software available, and we want to ensure that you get the maximum value from your investment.

General Training Sessions

We offer general group training sessions that are open to anyone who would like HEEDS® training. These sessions are taught at one of our local offices or onsite at your facility. Enjoy small class sizes and individualized attention from our expert trainers.

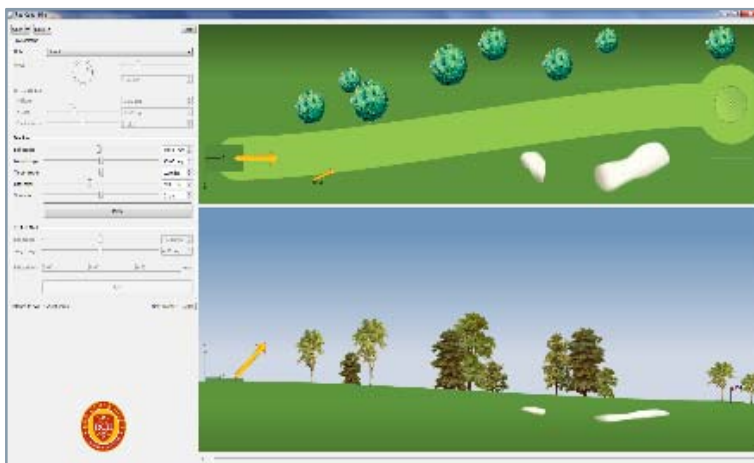
HEEDS Advanced Training

HEEDS Advanced Training provides advanced training in using HEEDS for parallel design, design of experiments (DOE), sensitivity, and robustness and reliability studies.

Course Layout

The course layout will be given as a mix of lectures followed by exercises. Each exercise will conclude with discussion and a quiz.

We will begin with Learning Objectives then continue with what we've learned in the HEEDS Introductory Training using the golf shot simulation.



ADVANCED COURSE AGENDA

- Defining an Optimization Problem
- Advanced Tagging & Methods
- Curve Fitting and Vector Responses
- Taking Advantage of Intuition and Experience
- Specifying Designs Prior to Start / Restart
- Injecting Designs
- Collaborative Optimization
- Semi-Independent Variables
- Advanced Process Automation
- Parallel Studies
- Design of Experiments (DOE)
- Sensitivity Calculations
- Response Surfaces
- Response Surface Based Optimization
- Reliability and Robustness
- Optimization Principles