



TRAINING

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ANSYS Workbench – DesignXplorer

Length: 1 Day

ANSYS Workbench - DesignXplorer is an application that works with parameters to explore various design configurations and their analysis response. DesignXplorer offers dynamic interaction with the design envelope. Utilizing advanced parametric control, DesignXplorer provides instantaneous feedback on all your proposed design modifications, dramatically decreasing the number of design iterations and improving the overall design process. Its easy-to-understand GUI, based upon Workbench Technology, and accurate results finally allow concentration on more innovative designs. DesignXplorer incorporates both traditional and nontraditional optimization through a goal-driven optimization method. This allows users to consider multiple designs so they can create new items within their existing product lines or optimize parts for new conditions much more quickly and efficiently.

DesignXplorer interacts with ANSYS Workbench - Simulation and offers bi-directional associativity with leading CAD packages such as SolidWorks, Solid Edge, Mechanical Desktop, Inventor, Unigraphics and Pro/ENGINEER.

After completing the course, attendees should be able to use DesignXplorer to study, quantify, and graph various structural and thermal analysis responses on parts and assemblies.

REV.-CAP/08

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ⁱ Image - Courtesy Advanced Engineering Solutions