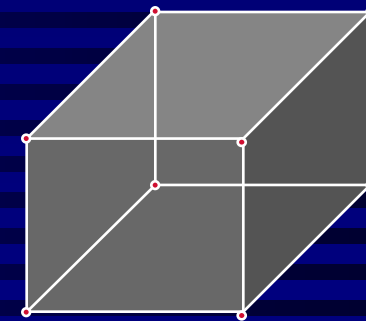


DOE Training Case Study

- While we train several topics, our foundation came from Design of Experiments (DOE)
- Our practical approach is common through the other courses as well. Blending engineering and project management experience provides a unique methodology.
- This particular company approached us for training. Even though they had been trained by others, and had internal “experts” – use of these techniques had never had success before.



Training Situation

- Because I led them through a successful DOE project, they wanted to learn how to do it themselves. Typical classes confuse students and application does not happen.
 - They saw promise of this class being different.
- Members had backgrounds in design, manufacturing and quality
- Some members were already Six Sigma Blackbelts

Training Solutions

- **Process focus, not just “elegance of the mathematics”**
- **Created a practical training class with work projects that the participants identify and develop with instructor coaching**
- **Exercises and activities are selected to bridge the gap between concepts and practical application.**
- **Focus on how to think about a problem and what the software is doing for us.**
 - **No blind cookbook approach, yet support tools are provided (often called cheat sheets)**

**“We've run many DOE's as a result of your class.
The DOE's turned out very well, and were successful.”
- Design Engineer feedback, years after class completed**

Training Results

- **In each training case, the company benefits financially prior to the last class session**
 - It is common to find a solution at least 25% faster. Plus, the average “practice” project has a \$40k benefit – so these 18 people created a company value of \$720k
- **Each participant received coaching from the instructor – including a post class executive review of the results**

“This is an example of why we need to stop thinking we can do everything ourselves. We need to bring in experts like Perry to accelerate our progress. We cannot let our pride get in the way of getting good results as we see in each of these projects”
– Executive reaction during project review

Perry's Solutions, LLC

- Consulting and Training services from DOE and SPC to project planning and management
 - Solving NPD design, execution and re-plan situations
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