



# SE Training Program

## A Global Medical Technology Company

Case  
Studies

### Abstract

A large supplier of medical and surgical devices in North America was interested in increasing their technical problem solving competencies within their product manufacturing and engineering group.

### Challenge

The client's objective was to develop 20 certified Statistical Engineering Apprentices employing our hands-on training class, onsite coaching, and project support. We were to focus on the top internal issues to the client which were expected to yield significant immediate savings and longer term cost avoidance while their engineers worked the issues and learned the methodology. The top problems approach would generate savings for the company which would offset the costs of the training and coaching support.

### Execution

32 engineers were selected by management to attend the TPS Apprentice level training classes held on site at the client's manufacturing location. 8 Engineers were selected to begin work on 4 specific high impact projects selected by the client. The overall plan is to certify 16 Journeymen over the next 12 months.

### Result

The 1<sup>st</sup> group of projects are nearing completion. The client has identified several more project opportunities as the leadership likes the methodology and the fact we turn the problems on and off during the confirmation stage of the projects.