

MINI MOTORBIKE PLANT

7Tao Engineering complete a Mini Moto assembly plant program to support problem solving, lean, Six Sigma and continuous improvement techniques. The student will be using modern problem solving techniques to find faults, build processes and organize a competitive team to race a mini moto motorbike. The vehicle comes with problems embedded, students must use assembly, problem solving, testing, performance monitoring, measurement systems and competition against other teams to win the trophy title. Students will use problem solving to complete their practical course of assembling the off road Mini Moto Motorbikes.

The problem solving tools include three unique categories: problem solving diagrams, problem solving mind maps, and problem solving software solutions. They include: Fishbone diagrams. Flowcharts. Check sheet (tally sheet), Cause and effect diagram (fishbone or Ishikawa diagram), Stratification, Histogram, Pareto chart (80-20 rule) Scatter diagram, Control chart (Shewhart chart) , Visual Inspection Methods, Visual Management systems, factory design techniques, production management, manufacturing systems engineering, Vibration Analysis Techniques, Acoustic Monitoring Procedures, Thermal Imaging Applications, Computer Aided Diagnostic Tools.

Contact us for more details on the Mini Moto Motorbikes assembly course



Q & A	
Number of students in a cohort	15 to 20
Number of engineering and manufacturing techniques that could be learned	25+
Engineering problems to be solved	30+
Age range	18+
Number of products to be built	5 - 25
Certification process with EAL Engineering Awards	Available