

GO KART ASSEMBLY PLANT

7Tao Engineering complete a Go Kart course for problem solving and performance techniques. The student will be using modern problem solving techniques to find faults, build processes and organize a competitive team to race a go kart. The vehicle comes with problems embedded, students must use assembly, problem solving, testing, performance monitoring, measurement systems and competitive techniques against other teams to win the trophy title. Students will use multiple training and problem solving techniques to complete their practical course of assembling the Go Karts.

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, Vibration Analysis Techniques, 8D Problem solving, Six Sigma, 20 Keys method, Thermal Imaging Applications, Computer-Aided Diagnostic Tools.

Contact us for more details on the Go Karts 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