

FUEL CARS RACING PLANT

7Tao support educational institutions in simulation and development of model production lines and plants.

7Tao will develop a diesel, petrol and hybrid fuel based production line in your workplace to educate your workforce. Our aim is to simulate a fuel and chemical industry based production environment with the core component being the gasoline engine.

Students will be challenged to build high performance vehicles which travel at over 50 mph. Students will be tested with tuning, fuel, electrical and mechanical problems which focus the cognitive skills of the student individually and within a team based environment. Students will race the vehicles at the end of the course to ensure that theories applied to the production lines produce good quality products.

7Tao use the latest in Gasoline, Electric and Nitro based fuel systems to ensure that the factory simulation is true to life.

Students 'work through play' as they deep dive into challenges which realise their full potential in the manufacturing and engineering world.

The Fuel Cars Racing Plant program can be a one day introduction or a full 5 day training course which is certified to NVQ Level with an Engineering Awarding body.



| Q & A | |
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| Number of students in a cohort | 10 to 20 |
| Number of engineering and manufacturing techniques that could be learned | 25+ |
| Engineering problems to be solved | 30+ |
| Age range | 14+ |
| Number of products to be built | 5 - 25 |
| Certification process with EAL Engineering Awards | Available |