

Work experience project #4

Project challenge	Help the company reduce waste by 20%
Purpose/outcome	Students will consider all the mechanisms by which any kind of company waste can be reduced, and make a compelling case for behaviour/ process change
Age/suitability	14 + (including undergraduate), individual or teams
Route	Academic, vocational, work-based
Skills it will develop	Communication, strategic thinking
Knowledge it will develop	Company knowledge, engineering professional landscape
Skills it requires	Online searching
Project Duration	1 week +
Business Exposure	Production, Quality, Facilities/ Maintenance
Process	
Day 1	Introduction to the company Who's who Introduction to the company's products, manufacturing process, etc Research into company's current waste performance
Day 2	Interviews with staff re waste processes Review of areas where waste reduction is possible
Day 3	Investigation into waste-reduction solutions for identified areas Summary report to W/E supervisor
Day 4	SWOT of each solution Decision re which solutions to recommend Calculations of approx. waste reduction using solutions
Day 5	Create presentation on proposed waste reduction solutions, including justification for solution selection and costs Presentation to senior staff in HR, Chief Exec/Director level, W/E manager
Staff time over week	Production staff ñ 5 hours Quality staff ñ 2 hours Facilities/Maintenance ñ 2 hours