

School of Mechanical Engineering
Student Project Safety Induction

Student's Name:	
Supervisor:	
Relevant Labs:	G19
Keys Issued:	

This safety induction permits the inductee to access the specified laboratories or work areas and to and carry out the assigned tasks without supervision.

Project Outline	
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<ul style="list-style-type: none"> • Projects run during 2nd-semester and extensively utilize laboratory facilities in G19. • Students may work alone during the day, but are required to work in teams of at least 2 after hours • Lab access will be for the purpose of 1) completing laboratory assignments, 2) completing project work. • Project work may involve one or more of electrical, pneumatics, hydraulic or rotating equipment hazards • Laboratory work involves access to soldering irons and interface to the FieldPoint bus 	
Induction Checklist G.19	
<input type="checkbox"/> Electrician required for all high voltage wiring <input type="checkbox"/> Compressed air risks, hot soldering iron risks <input type="checkbox"/> Water in taps not drinkable, drinking water outside <input type="checkbox"/> Obligation to clean up and keep lab tidy <input type="checkbox"/> Procedure for loaning – equipment / books <input type="checkbox"/> Diesel fuel used in Liquid-to-Liquid Contactor <input type="checkbox"/> Open toe shoes <input type="checkbox"/> Safety glasses in the lab <input type="checkbox"/> Duty of care <input type="checkbox"/> Documentation of incidents <input type="checkbox"/> Reviewing of Lab and safety procedures <input type="checkbox"/> Labelling of projects	<input type="checkbox"/> Fire extinguishers, Assembly point in car park <input type="checkbox"/> Visitors to lab – procedure and precautions <input type="checkbox"/> Soldering and wiring <input type="checkbox"/> Use of and care for hand tools <input type="checkbox"/> Working alone procedures <input type="checkbox"/> MSDS (Material Safety Data Sheets) <input type="checkbox"/> Bags in the lab <input type="checkbox"/> UWA emergency number <input type="checkbox"/> Training for rotating equipment <input type="checkbox"/> Location of first aid kit <input type="checkbox"/> No food in the laboratory <input type="checkbox"/> Cleaning and the roster
Induction Checklist G.21 (in addition)	
<input type="checkbox"/> G.21 roller door <input type="checkbox"/> 3 phase AC, Cables on floor <input type="checkbox"/> Robot enclosure, emerg. stop, reset, jogging <input type="checkbox"/> Working alone precautions	<input type="checkbox"/> Hydraulic oil, floor slip hazards <input type="checkbox"/> Heavy lifting <input type="checkbox"/> LOL server computer, robot control computer

The undersigned student has received and understood all the necessary information, instruction and training to carry out the allocated task safely. The project has been properly assessed by the supervisor for compliance with all School and UWA procedures and legal responsibilities. Where significant risks have been identified, a written Risk Assessment Report has been completed. Any changes to the work method or deviation from procedure will be brought to the supervisor's attention.

Supervisor's Signature.....Date.....

Student's Signature.....Date.....