UNSW Built Environment
UG Research Link Scholarship Program 2013

Project Description

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1. Commission and evaluation of a selection of 3D printers available within the faculty
2. Compare a selected 3D printers against a set of performance criteria
3. Evaluate 3D printers as a teaching and learning tool for design studio

Expected project outcomes
Commission and test various 3D printers
Develop understanding and recommendations for student use

Specific student tasks and responsibilities
Liaise with relevant staff to arrange access to 3D printers
Prepare 3D files for printing
3D printer set up, trouble shooting and commissioning
Supervision and safe of equipment

Minimum student qualifications
Prior experience with either commissioning, setting up or direct use of 3D printers.
Familiarity with 3D paramedic modelling software, preparation of .STL files and knowledge of G-code slicing parameters