



# CVEN4051 THESIS B (SAGE Stream)

<b>Units of Credit</b>	6	
<b>Contact hours</b>	4 hours per week	
<b>Class</b>	Monday, 12:00 – 14:00	John Goodsell LG19
<b>Workshop</b>	Monday, 14:00 – 16:00	CE611
<b>Course Coordinator</b>	Robert Holdom	
<b>SAGE Stream Coordinator and Lecturer</b>	Jinling Wang email: jinling.wang@unsw.edu.au office: CE413 phone: x54203	

## INFORMATION ABOUT COURSE TOPICS TO BE COVERED IN THE COURSE

disciplinary involving application of material learnt throughout the course. The course will include the preparation of relevant assignments and submission of an individual thesis.

the surveying and geospatial engineering stream will be: “**Smart Engineering Applications**”, while any suggested topics from

The aim is to involve you in management aspects of field work, for positioning, 3D reality capture, and mapping as well as gaining more experience in measurement, fieldwork design, 3D geospatial data analysis, visualisation and to give you confidence in your ability to do positioning, 3D modelling, and mapping tasks of a type that you may not have done before at University or in employment. Students will be required to complete their work individually but partake in group discussions.

This course is a capstone course in your degree.

Once the project topics have been selected, the teams of students will be expected to work closely with the project supervisor, who will monitor progress, and give advice on what assessment tasks will be submitted.

## EXPECTED LEARNING OUTCOMES

Thesis B aims to provide students with the opportunity to:

- a) undertake and execute a practical research project.
- b) produce a self-contained thesis report, which may be understood and used by others with technical background knowledge in the same discipline area as the thesis topic and may potentially be suitable for applications in practice.
- c) present their practical research

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## ASSESSMENT

Assessment for this course includes:

<b>Assessment Items</b>	<b>Length</b>	<b>Weight</b>	<b>Learning outcomes (LO) assessed</b>	<b>Due date*</b>	<b>Deadline for absolute fail*</b>	<b>Marks returned</b>
Literature Review Report (Individual)	<i>8-10 pages</i>	<i>20%</i>				



