GMAT4220
GEOSPATIAL INFORMATION SCIENCE

Assessment of LIS report (30 points) will be based on the following criteria:

- Written presentation 8 points
- Review of other work 6 points
- Quality of project work 8 points
- Results, Interpretation & conclusions 8 points

Reports may be submitted at any time prior to the due date and time. Late submission will get 10% deduction of the assignment mark for each day late – up to a maximum of five days. After five days, the assignment will receive zero.

[illegible]

[illegible]

Peter A. Burrough and Rachael A. McDonnell, Principles of Geographical Information Systems, Oxford University Press, 1998

[illegible]

Paul A. Longley et al., Geographic Information Systems and Science, John Wiley & Sons, Inc. 2001

Tor Bernhardsen, Geographic Information Systems: An Introduction, 3rd ed., John Wiley & Sons, Inc. 2001

[illegible]

Refer to MyUNSW for Important Dates available at:

https://student.unsw.edu.au/dates

[illegible]

Beware! An assignment that includes plagiarised material will receive a 0% Fail, and students who plagiarise may fail the course. Students who plagiarise are also liable to disciplinary action, including exclusion from enrolment.

Plagiarism is the use of another person's work or ideas as if they were your own. When it is necessary or desirable to use other people's material you should adequately acknowledge whose words or ideas they are and where you found them (giving the complete reference details, including page number(s)). The Learning Centre provides further information on what constitutes Plagiarism at:

https://student.unsw.edu.au/plagiarism

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For information about:

- Notes on assessments and plagiarism;
- Special Considerations: student.unsw.edu.au/special-consideration;
- General and Program-specific questions: The Nucleus: Student Hub
- Year Managers and Grievance Officer of Teaching and Learning Committee, and
- CEVSOC/SURVSOC/CEPCA

Refer to Key Contacts on the Faculty website available at:

https://www.unsw.edu.au/engineering/student-life/student-resources/key-contacts

Stage 1 Competencies for Professional Engineers

	PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals
	PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing
	PE1.3 In-depth understanding of specialist bodies of knowledge
	PE1.4 Discernment of knowledge development and research directions
	PE1.5 Knowledge of engineering design practice
	PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice
	PE2.1 Application of established engineering methods to complex problem solving
	PE2.2 Fluent application of engineering techniques, tools and resources
	PE2.3 Application of systematic engineering synthesis and design processes
	PE2.4 Application of systematic approaches to the conduct and management of engineering projects
	PE3.1 Ethical conduct and professional accountability
	PE3.2 Effective oral and written communication (professional and lay domains)
	PE3.3 Creative, innovative and pro-active demeanour
	PE3.4 Professional use and management of information
	PE3.5 Orderly management of self, and professional conduct
	PE3.6 Effective team membership and team leadership