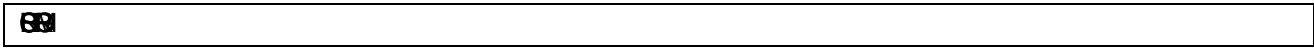


GMAT4220 GEOSPATIAL INFORMATION SCIENCE



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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

~~9/10/21~~



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.



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



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



Refer to MyUNSW for Important Dates available at:

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



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>



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

| | ලිපිලි |
|-------------------|---|
| 1 පී 1 පී 1 | 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 |
| 2 පී 2 පී 2 | 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 |
| 3 පී 3 පී 3 | 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 |