Subject Description Form

Subject Code	AMA6882
Subject Title	Guided Study in Operations Research
Credit Value	3
Level	6
Pre-requisite / Co-requisite/ Exclusion	Postgraduate course
Objectives	♦ To broaden students' knowledge in operations research through literature searching in various fields. ♦ To enhance student's written and oral presentation skills through their own research work or topics of their interests.
Intended Learning Outcomes *(Note 1)*	Upon completion of the subject, students will be able to: (a) Acquire knowledge and awareness of the latest advances in research development in operations research from literature related to topics of interest. (b) Carry out research on an agreed topic (c) Improve written and oral presentation skills of research results on current topics of interest.
Subject Synopsis/ Indicative Syllabus *(Note 2)*	♦ The topic is determined by the Supervisor of the M. Phil/Ph. D student. ♦ Students must hand the completed guided study report to supervisor with adequate of related literature references. ♦ Student should consult supervisor regularly about the progress of the literature reviewing progress.
Teaching/Learning Methodology *(Note 3)*	Meet assigned supervisor regularly Hand the report with full list of references

<table>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes
(Note 4)</td><td>
<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td></td><td></td><td></td></tr>
<tr><td>Continuous assessment</td><td>100</td><td>√</td><td>√</td><td>√</td><td></td><td></td><td></td></tr>
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<tr><td>Total</td><td>100 %</td><td colspan="6"></td></tr>
</table>

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Supervisor will go through the literature report and project report, and check the references and give a final grade to the final report</td></tr>
<tr><td>Student Study Effort Expected</td><td>
<table>
<tr><td>Student contact:</td><td></td></tr>
<tr><td>▪ Seminar/Tutorial</td><td>26 Hrs.</td></tr>
<tr><td></td><td></td></tr>
<tr><td>Other student study effort:</td><td></td></tr>
<tr><td>▪ Assignment/mini-project</td><td>34Hrs.</td></tr>
<tr><td>▪ Self-study</td><td>60 Hrs.</td></tr>
<tr><td>Total student study effort</td><td>120 Hrs.</td></tr>
</table>
</td></tr>
<tr><td>Reading List and References</td><td></td></tr>
</table>

Note 1: Intended Learning Outcomes
Intended learning outcomes should state what students should be able to do or attain upon completion of the subject. Subject outcomes are expected to contribute to the attainment of the overall programme outcomes.

Note 2: Subject Synopsis/ Indicative Syllabus
The syllabus should adequately address the intended learning outcomes. At the same time over-crowding of the syllabus should be avoided.

Note 3: Teaching/Learning Methodology
This section should include a brief description of the teaching and learning methods to be employed to facilitate learning, and a justification of how the methods are aligned with the intended learning outcomes of the subject.

Note 4: Assessment Method
This section should include the assessment method(s) to be used and its relative weighting, and indicate which of the subject intended learning outcomes that each method purports to assess. It should also provide a brief explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes.