The University of Southern Queensland

Course specification

This version produced 11 Jul 2008.
The current and official versions of the course specifications are available on the web at
Please consult the web for updates that may occur during the year.

Description: Tools and Techniques for Sustainable Development

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-nbr</th>
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<th>Term</th>
<th>Mode</th>
<th>Units</th>
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<td>MGT</td>
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Academic group: FOBUS
Academic org: FOB008
Student contribution band: 2
ASCED code: 050999

STAFFING

Examiner: John Searle
Moderator: Ian Eddington

OTHER REQUISITES

Students are required to have access to a personal computer, e-mail capabilities and Internet access to USQConnect. Current details of computer requirements can be found at http://www.usq.edu.au/business/aboutfob.htm

RATIONALE

The green agenda is now firmly established as a political agenda and some four decades after Schumacher, industries and governments alike, both national and international, are learning how to conduct their affairs through a full cost accounting approach to the use of non renewable resources. Despite short-term reversals international standards and trade protocols are emerging and these respectively attempt to promote sustainable development and prevent pollution, and the export and/or reimport of pollution and unsafe or polluted products. Environmentally friendly products and processes are increasingly, competitive edge products. Green investment portfolios are increasingly attractive to investors who 1. see environmental liability risk as detracting from future dividend payments and 2. who wish to purposefully contribute to greater environmental sensitivity in industry. Due diligence legislation is driving a new level of accountability and business behaviour. The environmental industry is coming of age and sustainable business, to be effective, needs managers appraised of, and proficient in, green tools and techniques. This subject aims to introduce tools and techniques which will help managers capture corporate benefits.

SYNOPSIS

This subject introduces managers to tools and techniques (both general and specific) that may be used in best practice environmental management and sustainable development. Topics covered may include environmental impact assessment, environmental auditing, environmental reporting and investor and public relations, management performance tracking and measuring systems. Other areas covered include life cycle analysis and product stewardship, full cost accounting, internal auditing and clean technology financing, process tools pollution prevention and waste...
minimisation programs, standards and standardisation, voluntary self regulation and beyond compliance, disclosure policy, measuring performance, ISO 14000, entering international markets and capitalising on clean energy markets.

OBJECTIVES
The course objectives define the student learning outcomes for a course. The assessment item/s that may be used to assess student achievement of an objective is/are shown in parentheses after each objective. On successful completion of this course, students should be able to:

1. be cognisant of various tools and techniques emerging to help managers in the stewardship of sustainable development (Assignment 1, Assignment 2, Examination)
2. be appraised, through case study, of successful business enterprise based on tools and techniques of the kind mentioned in 1 above (Assignment 1, Assignment 2, Examination)
3. better understand the stewardship ethic and the sophisticated and expanding environmental business that it is driving (Assignment 1, Assignment 2, Examination)
4. be competent in the use of some of these tools and techniques (Assignment 1, Assignment 2, Examination).

TOPICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Introduction</td>
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<tr>
<td>2. Tools and techniques for holistic and integrative green management, business strategy and performance design for the environment; environmental risk management; integrated sustainable performance; sustainable performance</td>
<td>32.00</td>
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<tr>
<td>3. Public policy tools: environmental impact assessment and benefit-cost analysis</td>
<td>32.00</td>
</tr>
<tr>
<td>4. Private policy tools: financial tools; process tools; product tools; procurement tools; measuring tools; other tools</td>
<td>32.00</td>
</tr>
<tr>
<td>5. Conclusion</td>
<td>2.00</td>
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</table>

TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at http://bookshop.usq.edu.au click 'Semester', then enter your 'Course Code' (no spaces).

REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.

Nil

STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
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<tbody>
<tr>
<td>Directed Study</td>
<td>80.00</td>
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<td>Private Study</td>
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ASSESSMENT DETAILS

<table>
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<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
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<tr>
<td>ASSIGNMENT 1</td>
<td>20.00</td>
<td>20.00</td>
<td>13 Aug 2007</td>
</tr>
<tr>
<td>ASSIGNMENT 2</td>
<td>40.00</td>
<td>40.00</td>
<td>08 Oct 2007</td>
</tr>
<tr>
<td>2 HOUR EXAM</td>
<td>40.00</td>
<td>40.00</td>
<td>END S2 (see note 1)</td>
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</table>

NOTES

1. The examination is scheduled to be held in the end-of-semester examination period. Students will be advised of the official examination date after the timetable has been finalised.

IMPORTANT ASSESSMENT INFORMATION

1. Attendance requirements:
   If you are an international student in Australia, you are advised to attend all classes at your campus. For all other students, there are no attendance requirements for this course. However, it is the students' responsibility to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.

2. Requirements for students to complete each assessment item satisfactorily:
   To satisfactorily complete an individual assessment item a student must achieve at least 50% of the marks. (Depending upon the requirements in Statement 4 below, students may not have to satisfactorily complete each assessment item to receive a passing grade in this course.)

3. Penalties for late submission of required work:
   Students must attach an application for late submission to any assignment sent to the university after the due date.

4. Requirements for student to be awarded a passing grade in the course:
   To be assured of receiving a passing grade a student must achieve at least 50% of the total weighted marks available for the course.

5. Method used to combine assessment results to attain final grade:
   The final grades for students will be assigned on the basis of the aggregate of the weighted marks obtained for each of the summative assessment items in the course.
6 Examination information:
This is a restricted examination. Candidates are allowed access to specific materials during
the examination. The only materials that candidates may use in this examination are
calculators which cannot hold textual information (students must indicate on their
examination paper the make and model of any calculator(s) they use during the
examination).

7 Examination period when Deferred/Supplementary examinations will be held:
Any Deferred or Supplementary examinations for this course will be held during the next
examination period.

8 University Regulations:
Students should read USQ Regulations 5.1 Definitions, 5.6 Assessment, and 5.10 Student
Academic Misconduct for further information and to avoid actions which might contravene
university regulations. These regulations can be found at
http://www.usq.edu.au/corporateservices/calendar/part5.htm. Students should also read
the Faculty of Business Policies and Procedures which can be found at

ASSESSMENT NOTES

1 Assignments: (i) The due date for an assignment is the date by which a student must
despatch the assignment to the USQ. The onus is on the student to provide proof of the
despatch date, if requested by the examiner. (ii) Students must retain a copy of each
assignment submitted for assessment. This must be produced within 24 hours if required
by the examiner. (iii) In accordance with university policy, the examiner may grant an
extension of the due date of an assignment in extenuating circumstances. (iv) The examiner
will not accept submission of assignments by facsimile. (v) Students who do not have
regular access to postal services or who are otherwise disadvantaged by these regulations
may be given special consideration. They should contact the examiner of the course to
negotiate such special arrangements. (vi) In the event that a due date for an assignment
falls on a local public holiday in their area, such as a show holiday, the due date for the
assignment will be the next day. Students are to note on the assignment cover the date of
the public holiday for the examiner's convenience.

2 Make-up work: Students who have undertaken all of the required assessments in a course
but who have failed to meet some of the specified objectives of a course within the normally
prescribed time may be awarded the temporary grade: IM (Incomplete - Make up). An
IM grade will only be awarded when, in the opinion of the examiner, a student will be
able to achieve the remaining objectives of the course after a period of non directed
personal study.

3 Deferred work: Students who, for medical, family/personal, or employment-related reasons,
are unable to complete an assignment at the scheduled time may apply to defer an
assessment in a course. Such a request must be accompanied by appropriate supporting
documentation. A temporary grade of IDM (Incomplete Deferred Make-up) may be
granted.

OTHER REQUIREMENTS

1 Learning resources: Prescribed texts and materials (see above); recommended reference
materials (see above); printed Introductory Book, Study Book/s, and Book/s of Selected
Readings; and course Website accessible via USQConnect.