The University of Southern Queensland

Course specification

This version produced 20 Dec 2007.

The current and official versions of the course specifications are available on the web at <http://www.usq.edu.au/coursespecification/current>.

Please consult the web for updates that may occur during the year.

Description: Quality Management

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
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<td>ONC</td>
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Academic group: FOBUS
Academic org: FOB002
Student contribution band: 2
ASCED code: 080317

STAFFING

Examiner: Latif Al-Hakim
Moderator: Mehryar Nooriafshar

REQUISITES

Pre-requisite: STA2300

OTHER REQUISITES

Engineering students do not have to complete STA2300 if they have successfully completed ENG2102. 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/handbook/current/busgeninfo.html

SYNOPSIS

This course will cover the importance of quality assurance, quality control and quality improvement to the success of a business, how these functions may be integrated into the business, and the methods and techniques in their application. Students will relate business strategy, benchmarking, reliability and system effectiveness, control charts, human factors and cost management to the overall improvement of quality. Quantitative and qualitative methods will be dealt with where appropriate and will be related to economic and organisational objectives of the business.

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. examine the quality in terms of attributes and variables (Assignment 1, Assignment 2, Examination)
2. analyse the relationship between business strategy, business performance and quality management (Assignment 1, Assignment 2, Examination)
3. analyse and identify the philosophical basis from which given quality programmes emerge (Assignment 1, Assignment 2, Examination)

4. select and apply standard statistical techniques, including control charts and acceptance sampling, to appropriate problems, including control of variation and development processes (Assignment 1, Assignment 2, Examination)

5. critically analyse the impact of quality management on organisational structure, HRM policies and organisational activities, with particular emphasis on quality assurance and total quality management (Assignment 1, Assignment 2, Examination)

6. evaluate the potential for cost savings through the astute use of quality management approaches (Assignment 1, Assignment 2, Examination).

**TOPICS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. The quality system</td>
<td>30.00</td>
</tr>
<tr>
<td>2. The management system</td>
<td>35.00</td>
</tr>
<tr>
<td>3. Technical issues in quality</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).

MGT3100 study package available from the USQ Bookshop.


**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.

STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
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<tbody>
<tr>
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<td>Directed Study</td>
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<td>Lectures</td>
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<td>Private Study</td>
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<td>Tutorials</td>
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ASSESSMENT DETAILS

<table>
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<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
<th>Due date</th>
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<tr>
<td>ASSIGNMENT 1</td>
<td>100.00</td>
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<tr>
<td>ASSIGNMENT 2</td>
<td>100.00</td>
<td>30.00</td>
<td>08 Jun 2007</td>
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<tr>
<td>2 HOUR EXAMINATION</td>
<td>100.00</td>
<td>50.00</td>
<td>END S1 (see note 1)</td>
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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:
   It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and 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:
   If students submit assignments after the due date without prior approval then a penalty of 20% of the total marks available for the assignment will apply for each working day late.

4 Requirements for student to be awarded a passing grade in the course:
   To be assured of receiving a passing grade a student must submit all of the assessment items, achieve at least 50% for the examination and 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 the restricted examination for this course are: writing materials (non-electronic and free from material which could give the student an unfair advantage in the examination); 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 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL http://www.usq.edu.au/corporateservices/calendar/part5.htm. Students should also read the Faculty of Business Guide to Policies and Procedures of the Faculty which can be found at the URL http://www.usq.edu.au/handbook/current/buspolproc.html.

ASSESSMENT NOTES

9 Assignments: (i) The due date for an assignment is the date by which a student must submit the assignment to the USQ. (ii) Students must retain a copy of each item 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.

10 Course weightings: Course weightings of topics should not be interpreted as applying to the number of marks allocated to questions testing those topics in an examination paper.

OTHER REQUIREMENTS

1 Learning resources: Prescribed texts and materials (see above); recommended reference materials (see above); printed Introductory Book* and Study Book/s*; and course Website accessible via USQConnect. *part of the study package available from the USQ Bookshop