Description: Occupational Health and Occupational Hygiene

Subject  Cat-nbr  Class  Term  Mode  Units  Campus
MGT      8016    34298  2, 2004  WEB   1.00   TWMBR

Academic group: FOBUS
Academic org: FOB002
Student contribution band: 2
ASCED code: 061301

STAFFING
Examiner: Ian Eddington
Moderator: John Searle

RATIONALE
Duty of care responsibilities, and imperatives emerging from past occupational and environmental mismanagement, are forcing a recognition that prevention is cheaper than cure. Managers are encouraged to be proactive and to develop foresight and intuition in forestalling health and productivity loss. Standards are called up in legislation and these must be met. Managers must be aware of, and understand, the health and hygiene basis upon which these standards are predicated. This subject aims to acquaint managers with the pathology of work related disease and through a discussion of work environment stressors, introduce concepts principles and procedures central to the attainment of good occupational health and hygiene.

SYNOPSIS
This subject introduces managers to the pathology of work related disease and to basic procedures and processes in occupational hygiene. Topics covered include: noise and vibration, thermal comfort, lighting, dusts, modes of entry, standards and threshold limit values, measurement techniques, toxicology, occupational diseases, biological hazards, workplace stressors (chemical and physical) and principles of control. Socio- political and socio-scientific aspects of occupational health and hygiene are also covered.

OBJECTIVES
Successful completion of this course will allow students to:

1. be cognisant of the information and knowledge base essential for the attainment of good occupational health and hygiene performance;
2. recognise workplace factors which are potentially detrimental to good health and
   hygiene and apply techniques of evaluation and control;
3. be aware of instrumentation and procedures available for measurement and quality
   control of the health and productivity environment of the workplace;
4. gain a knowledge of the basic disease processes in humans and how workplace
   hazards impact upon these processes;
5. obtain an understanding of elementary toxicology and the nature of the body's
   response to toxic substances;
6. possess an appreciation of the complexity of the socio-political context relevant
   to occupational health and hygiene.

**TOPICS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tbody>
<tr>
<td>1. Occupational Health and Occupational Hygiene</td>
<td>6.00</td>
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<tr>
<td>2. Toxicology</td>
<td>20.00</td>
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<tr>
<td>3. Measurement, Compliance and Control</td>
<td>20.00</td>
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<tr>
<td>4. Biological Hazards</td>
<td>10.00</td>
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<tr>
<td>5. Chemical Hazards</td>
<td>10.00</td>
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<tr>
<td>6. Occupational Diseases</td>
<td>7.00</td>
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<tr>
<td>7. Noise and Vibration</td>
<td>5.00</td>
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<tr>
<td>8. Lighting and Illumination</td>
<td>7.00</td>
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<tr>
<td>9. Thermal comfort</td>
<td>10.00</td>
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<tr>
<td>10. Dusts</td>
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**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).

(revised and updated edition)
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.

Penguin dictionaries of Chemistry, Biology, Physics and Medicine (or equivalent).

STUDENT WORKLOAD REQUIREMENTS:

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

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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>60.00</td>
<td>60.00</td>
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<tr>
<td>ASSIGNMENT 2</td>
<td>40.00</td>
<td>40.00</td>
<td>25 Oct 2004</td>
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IMPORTANT ASSESSMENT INFORMATION

1 Attendance requirements:
   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 complete each of the assessment items satisfactorily, students must obtain at least 50% of the marks available for each assessment item.

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 submit all of the summative assessment items and achieve at least 50% of the total available weighted marks for those items.

5 Method used to combine assessment results to attain final grade:
   The final grades for students will be assigned on the basis of the weighted aggregate of the marks obtained for each of the summative assessment items in the course.

6 Examination information:
   There is no examination in this course.

7 Examination period when Deferred/Supplementary examinations will be held:
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

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 item submitted for assessment. This must be produced within 24 hours if required by the Examiner. (iii) The Examiner may grant an extension of the due date of an assignment in extenuating circumstances. Students may apply for an extension before the due date or include an application with the submitted assignment after the due date. Such applications should be in writing and include supporting documentary evidence. The authority for granting extensions rests with the relevant Examiner. (iv) 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.