



The University of Southern Queensland

Course specification

Description: Communicable Diseases and Infection Control 2

Subject	Cat-nbr	Class	Term	Mode	Units	Campus
BIO	3094	44306	2, 2005	EXT	1.00	Toowoomba

Academic group:	FOSCI
Academic org:	FOS002
Student contribution band:	2
ASCED code:	061399

STAFFING

Examiner: Michael Kotiw

Moderator: Bernadette McCabe

REQUISITES

Pre-requisite: BIO3092

RATIONALE

This course extends the knowledge base provided in course BIO3092 Communicable Diseases and Infection Control 1. Students will acquire a more complete foundation into the nature of specific clinical syndromes as well as further training in specialised aspects of infection control which enhance their knowledge base and capabilities practice infection control in a health care setting.

SYNOPSIS

This course provides training in specialised areas of clinical microbiology including: surgical and trauma related infections; infections related to the use of intravascular devices; HIV and other blood borne infections. The course also provides further training in specialised areas of infection control including: infection control in long term care facilities; occupational health issues; infection control in specialised settings including intensive care, dialysis, home care, operating theatres, post mortem, cardiac care and paediatrics. Key issues in the administration of infection control programs will also be covered.

OBJECTIVES

On successful completion of this course students will be able to:

1. demonstrate an understanding of and describe the nature of a range of infections likely to be encountered in clinical practice including surgical and trauma related infections, infections associated with the use of intravascular devices, HIV and other blood borne infections;

2. demonstrate an understanding of and apply infections control measures associated with long term care facilities and specialised care facilities such as ICU, dialysis units, home care, operating theatres, mortuary, cardiac care and paediatric units;
3. demonstrate an understanding of and implement infection control management programs in a health care setting.

TOPICS

	Description	Weighting (%)
1.	Clinical infections - surgical and trauma; intravascular devices; blood borne infections	25.00
2.	Infection control in specialised areas - Long term care facilities; Intensive care units; Dialysis units; Home Care; Operating theatres; Mortuaries; Cardiac care units; Paediatric units	40.00
3.	Infection Control Management and Practice - Education Case management; Occupational Health; Program management; Quality Control and infection rate indicators; Consultation	35.00

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).

Main textbook to be advised

NHMRC & ANCA 1996, *Infection Control in the Healthcare Setting*, Australian Government Publishing Service, Canberra.

Therapeutic Guidelines Ltd 2000, *Therapeutic Guidelines*, Therapeutic Guidelines, Melbourne. (antibiotics)

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.

Balows, A et al 1991, *Manual of Clinical Microbiology*, 5th edn, American Society for Microbiology, Washington, DC.

Benjamini, E, Coico, R & Sunshine, G 2000, *Immunology: a short course*, 3rd edn, Wiley, New York.

Gardner, JF and Peel, MM 1991, *Introduction to Sterilisation, disinfection and Infection control*, 2nd edn, Churchill Livingstone, London.

Inglis, TJJ 1996, *Microbiology and Infection*, Churchill Livingstone, New York.

Mandal, BK et al 1996, *Lecture Notes on Infectious Diseases*, 5th edn, Blackwell, Oxford.

Mandell, GL, Bennett, JE and Dolin, R 2000, *Principles and Practice of Infectious Diseases*, 5th edn, Churchill Livingstone, New York.

National Health and Medical Research Council 2000, *The Australian Immunisation Handbook*, 8th edn, Australian Government Publishing Service, Canberra.

Olmsted, RN (ed) 1996, *Infection control and applied epidemiology: Principles and Practice*, *Association for Professionals in Infection Control and Epidemiology*, Mosby, St Louis.

Pechenik, JA 2004, *A short guide to writing about biology*, 5th edn, Longman, Boston.

STUDENT WORKLOAD REQUIREMENTS

ACTIVITY	HOURS
Directed Study	70.00
Examinations	2.00
Private Study	100.00

ASSESSMENT DETAILS

Description	Marks out of	Wtg(%)	Due date
ASSIGNMENT 1	12.00	12.00	26 Aug 2005
ASSIGNMENT 2	13.00	13.00	23 Sep 2005
ASSIGNMENT 3	25.00	25.00	28 Oct 2005
1.5 HOUR CLOSED EXAM	50.00	50.00	END S2 (see note 1)

NOTES

1. Examination dates will be available during the Semester. Please refer to the examination timetable when published.

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 complete each of the assignments satisfactorily, students must obtain at least 50% of the marks available for each assignment. To complete the examination satisfactorily, students must obtain at least 50% of the marks available for the examination.
- 3 Penalties for late submission of required work:
If students submit assignments after the due date without prior approval then a penalty of up to 20% of the total marks gained by the student 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 a passing grade, students must demonstrate, via the summative assessment items, that they have achieved the required minimum standards in relation to the objectives of the course by: (i) satisfactorily completing the examination and

assignments; and (ii) obtaining at least 50% of the total weighted marks available for all summative assessment 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:
In a Closed Examination, candidates are allowed to bring only writing and drawing instruments into the examination.
- 7 Examination period when Deferred/Supplementary examinations will be held:
Any Deferred or Supplementary examinations for this course will normally be held during the Semester 3 examination period of the current academic year.
- 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> or in the current USQ Handbook.

ASSESSMENT NOTES

- 9 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. Students must retain a copy of each item submitted for assessment. If requested by the Examiner, students will be required to provide a copy of assignments submitted for assessment purposes. Such copies should be despatched to USQ within 24 hours of receipt of a request being made. The examiner of a course may grant an extension of the due date of an assignment in extenuating circumstances.