

**526 -221 EXPERIMENTAL MICROBIOLOGY**  
**LECTURE AND PRACTICAL CLASS SCHEDULE** Semester 1, 2009

Lecture: Monday 9 am in Old Arts Theatre D

Practical classes: Tuesday 2-5pm OR Thursday 2-5pm

(Undergraduate teaching labs, 2nd floor, Microbiology and Immunology building)

Week no/ beginning	BEGIN Experiment no.	CONTINUE Expt. no	Hand in report for	Lecture no/topic/ Lecturer
1/ March 2	1. Isolation and study of pure cultures 2. Gram stains			1. Media CJP 2. Report writing CJP
2/ March 9	3. Capsule, spore and flagella stains	1	1 ( Friday)	3. Microscopy HBJ
3/ March 16	4. Motility tests 5. Oxygen and microbial growth			4. Growing bacteria HBJ
4/ March 23	6. Absorptiometry and turbidimetry 7. Estimation of bacterial counts	4 &5	2&3	5. Fungi EF
5/ March 30	8. Examination and isolation of fungi	7	4&5	6. Counting bacteria CJP
6/ April 6	9. Sterilization by steam 10. Sterilization by filtration 11. Checking disinfectants in use 12. Antibacterial action of crystal violet	8	6&7	7. Sterilization and Disinfection CJP
7 MIDSEMESTER/EASTER BREAK				
8/ April 20	13. Selective action of antiseptics 14. Effect of chemical disinfectants on normal and transient flora	9,10 &11	8	8. Antimicrobial susceptibility testing HBJ
9/ April 27	15. Blood typing and cross matching	9, 13 &14	10	9. Blood banking ARCBS
10/ May 4	16. Antibiosis 17. Identification of bacteria		9&13	10. Identifying bacteria EF
11/ May 11	18. Cultivation and enumeration of bacteriophages	16 &17	15	11. Bacteriophages CJP
12/ May 18	19. Bacteriological examination of milk	17 &18	16	12. REVIEW CJP
13/ May 25	PRACTICAL EXAM		18 19	No Lecture
Lecturers: CJP: Cheryl Power; HBJ; Helen Billman-Jacobe; EF: Elizabeth Fagan; ARCBS: Australian Red Cross Blood Service				