Today's Agenda

- Course structure
  - Learning Outcomes
  - How to Study for Bio 240
  - Assessment
  - Safety Issues
- Attendance
Course Learning Outcomes

• Content
  - Career in Health
  - Microbe diversity and Pathogenicity
  - Immune System
  - Control of microbes
  - Technical
    - Lab skills
    - Personal
    - Microbe awareness

• Non-Content
  - Study and Writing skills
  - Working in groups
  - Studying in groups

Instructor Contact

• Barry Thomson
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• Office: None (18-109)
• Office Hours
  - TTh 7:30-8:00am 17-207
  - 12:30-1pm 16-204
• or By Arrangement
All About You

- Complete Student Information Sheet for Monday
- Why are you here..?
- What grade do you need?
- Include email, contact telephone number and CODENAME for Gradesheet

All About Me

- Scottish......
- Studied Tropical Environmental Science
- Guided in Amazon Ecuador and Peru
- Taught, Human Biology, Ecology, Conservation, California Native Plants, Cell Biology and Microbiology
- Not a brilliant student
- Had a little breakdown during final year of University
Attendance

Differences and Similarities

• Write down one fact that you think is interesting about yourself, and that you wouldn’t mind other students knowing about yourself
• Stand up when you hear a statement that applies to you
• See who else stands up
All About Tortora

- Comprehensive detail
- Perhaps too much detail
- 11th edition
- Other editions
- Use Study Guides target major concepts
- Support Materials
  - CD-ROM
  - Website
  - Webpages by chapter

All About Leboffe

- Excellent photographs and diagrams of techniques.
- Brief edition 2e
- Focus placed upon relevance of results, as well as techniques
- Data sheet questions
  - We will not answer ALL of the questions
  - Questions covered in each grading period posted on website
Class Webpage

- [http://www.smccd.edu/accounts/thomsonb/Microbiology.html](http://www.smccd.edu/accounts/thomsonb/Microbiology.html)
- Download Study Questions
- Midterm Study Guides
- Lab Grading Periods
- Lecture Outlines
- Gradesheet NOT online

Assessment

- Lecture
- Practice Exam 35
- Midterms 3 x 100 300
- Final 1 x 150 150
- Online
  - Online Quizzes 15 x 10 150
  - Online Assignments 10 x 10 100
  - Extra Credit Picnic (20)
- Labs
  - Lab Grading Periods 5 x 40 200
  - Formal Lab Writeup 1 x 30 30
  - Unknown Project 35 35
  - Eukaryote Project 2 x 20 40
  - Take Home Quizzes 2 x 10 20
- Total Points (approximately) 1060

Grading:
- A 90% +
- B 80 - 89%
- C 70 - 79%
- D 60 - 69%
- F < 60%
Hours by Arrangement

- 16 HBA must be completed via WebAccess
- Sign in using G#
- Weekly Quizzes (10) Fri-Th 11:35
- Weekly Assignments (10)
- Fri-Th 11:35
- Start this week
  - Plagiarism tutorial

How to Study

- Engaging with course material
  - It is easier to remember material if you understand it, to do that you have to think
- Lectures
  - Outlines, take notes
  - Review lecture notes, clarify points.
- Read around the Subject
  - Tortora is ONE source
  - On-line sources - e.g. Microbewiki
  - Newspapers/ Magazines
Study Questions

• Focused reading
• Exam Questions
• Critical Thinking
• Download
  - Lecture Outline pdf and Study Questions doc
  - Print (double sided)
  - Study Groups

Classroom Questions and Answers

• Questions are the basis for learning
• Please ask Questions
• BUT I do not have all the answers to all your questions
• AND I am NO Doctor
• Other Resources,
  - Web resources by chapter
Lab Structure and Assessment

- Preparation
  - Read over lab procedure before coming to lab
- Groups
  - 2 or 4 students
  - Each “Lab” may take 2 days to complete
- Lab Grading Periods
  - See Lab syllabus for dates
  - 40 points
    - 10 points x 3 Labs
    - 10 points Table of Results

Lecture Safety

- Lockdown Procedure
  - Lock Doors
  - Turn off lights
  - Stay out of sight
  - Remain silent
- Evacuation Procedure
  - Earthquake/Fire
    - Inform the instructor
    - Duck and cover
    - Wait until instructed to leave
    - Leave via doors
    - Assemble for head/limb count parking lot
    - Do not leave campus
Late Work and Academic Honesty

• Late Work
  - 25% deducted

• Plagiarism
  - Copying from textbook
  - Copying and Pasting from internet
  - Online Tutorial this week

• Cheating in Exams
  - Reading from notes
  - Using cell phone
  - Leaving room

Nobody Cheats...BUT

• Cheating is a consequence of...
  - Poor time management
  - Over commitment
  - Procrastination
  - Fear of Failure
  - Not facing problems
Cookie Penalty!

- Offenders will provide the lecture class with cookies if the following protocols are breached:
  - Cell phone rings in class
  - Playing iPod in class
  - Swearing in class

Midterm 1

- September 17
- Will NOT be easy
- Start Studying early...don't play catch-up for the whole semester
- Practice Exam 9/03
- Posted online
- Chapters 1 and 2
Class and College Resources

- Course Webpage
  - Study Guides
  - Dates
  - Hand outs
  - Scoring Guides
  - Final Grades
- WebAccess
- Online assignments and Quizzes
- Tortora CD-ROM
- Learning Center Resources
  - Tutors
- Cañada College Library

Focusing on Outcomes

- What you want to do with what you learn?
  - Establish your career goals
- Where will you go from here?
- Which Grade for Transfer?
- Making an Impression
- Understand How you learn
- To Improve retention of material
Responsibilities

- Instructor
  - To be fair
  - Provide clear instructions
- Student
  - You are ultimately responsible for your grade