

CAMOSUN COLLEGE
ENVR 119: EXPERIMENTAL DESIGN
Course Information – Winter 2005



INSTRUCTOR: Dr. DAVID BLUNDON
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OFFICE HOURS: Monday: 12:30 – 1:20 PM
 Wednesday: 12:30 – 1:20 PM
 Thursday: 12:30 – 1:20 PM
 Friday: 12:30 – 1:20 PM

For an appointment or to leave a message call or email anytime.

LECTURE: Friday (F-310: 2:30 - 4:20)

COMPUTER: PROGRAMS and WORD PROCESSING: available in Ewing basement

WEEKLY SCHEDULE: Two hours of lecture
 Expect to spend an additional 4 hours a week on this course outside of class time.

PRE or COREQUISITE: ENVR 110

COURSE TEXT: Townend, J. 2002. *Practical Statistics for Environmental and Biological Scientists*. Wiley, 276 pages.

ABSENCES:

- If you should miss a class, you should arrange to borrow notes from another student. You are responsible for all information (including exam dates and changes in course content or emphasis) covered in class.
- If you miss an exam you will receive a grade of zero unless you provide a note from an MD.

LATE ASSIGNMENTS:

- A late assignment will be assessed at 15% of its graded value for each day it is late.
- A grade of 0% will be assigned if that assignment has already been returned to the class.

MARK DISTRIBUTION:

- Exam I - 25% (Week 7: Friday, February 25: 2 hours)
- Exam II- 25% (Week 15: April 18 - 26: 2 hours)
- Assignments - 50% (5 assignments ~ biweekly)

LETTERS GRADES:

A+ 95 – 100%	B+ 80 - 84%	C+ 65 - 69%	F 0 - 49%
A 90 – 94%	B 75 - 79%	C 60 - 64%	
A- 85 – 89%	B- 70 - 74%	D 50 - 59%	

IMPORTANT DATES:

- January 10: First Day of Classes
- February 10 - 11: Reading Break
- March 14: Last day to withdraw without a F grade
- April 16: Last day of classes
- April 18 - 26: Final Exam Scheduled

A. LECTURE TOPICS:

- Sampling Designs
- Experimental Designs
- Descriptive Statistical Analysis
- Analysis of Variance (ANOVA)

B. EXERCISES:

- Sampling Designs: Random, Stratified, etc...
- Experimental Designs: Random, Block, etc...
- EXCEL: Formula Creation & Statistical Functions
- MINITAB: Statistical Functions
- MINITAB: ANOVA