

STAT 101

Defense against the Dark Arts

Instructor: Professor Lockhart (Richard not Gilderoy)

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Text: *The Basic Practice of Statistics*, 5th Edition, by David S. Moore, W.H. Freeman Publishers

Lectures: MWF 10:30 – 11:20 in SWH10081.

Help: go to Stat Workshop K9516 inside K9510.

Office Hours: Monday and Wednesday 11:30 – 12:30.

Assignments: six – first five marked. Due: every second Tuesday by 4:30 PM in boxes outside Stat Workshop. First due on 17 January.

Late Assignments not accepted.

Worth 20% of mark.

Returned through Stat Workshop

Exams: Midterm worth 30% on Wed 22 February 2012. CLOSED BOOK.

Calculators: I won't let you use your phone for a calculator in an exam, nor any other electronic device with wireless capabilities.

Final: 19 April 2012 – noon to 3 PM. OPEN BOOK worth 50%

Missed exams: medical note required – must use Health Care Provider Statement at

<http://students.sfu.ca/content/dam/sfu/students/pdf/healthcare-statement-general.pdf>

Missed midterms will be replaced by Final.

Web material: slides posted on the web when possible.

Assignment questions posted. Solutions posted evening after assignment due. Midterm solutions to be posted eventually.

Extra material: perhaps but probably not.

Computing: some questions to be done using program JMP.

Draft Class Schedule

Univariate Descriptive	5 hrs	Ch 1–3
Bivariate Descriptive	5 hrs	Ch 4–6
Surveys & Experiments	2 hrs	Ch 8–9
Probability	3 hrs	Ch 10–12
Binomial, Poisson distributions	3 hrs	Ch 13
Midterm	Wed 22 Feb 2012	
Hypothesis Tests, confidence intervals	4 hrs	Ch 14, 15, 17
Two Sample tests	3 hrs	Ch 18
Inference in Regression	3 hrs	
1 and 2 way ANOVA	3 hrs	?
Count data	3 hrs	?