

- 5. **Inference (Chapters 15, 16, 17, 18)** Concepts related to the construction of confidence intervals (e.g. sampling distributions, confidence level, width, interpretation, the effect of sample size) are discussed. Also basic concepts related to the testing of hypotheses (e.g. hypotheses, p-values, statistical significance) are presented.
- 6. **Estimation and Testing for One Sample Problems (Chapters 20 and 22 of text)** Procedures for means and proportions are discussed with an emphasis on the use of SPSS software and the interpretation of results.
- 7. **Estimation and Testing for Two Sample Problems (Chapters 21 and 23 of text)** Procedures for means and proportions are discussed with an emphasis on the use of SPSS software and the interpretation of results.
- 8. **One Way ANOVA (Chapter 27 of text)** One way analysis of variance. Analysis of variance for means and proportions, a

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Each student is responsible for his or her conduct as it affects the University community. Academic dishonesty, in whatever form, is ultimately destructive of the values of the University. Furthermore, it is unfair and discouraging to the majority of students who pursue their studies honestly. Scholarly integrity is required of all members of the University. <http://www.sfu.ca/policies/gazette/student/s10-01.html>

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