Introductory Statistics Lab
MATH 210-34     CRN 80638
Fall 2008

Professor: Todd Swanson
Class time/Location: Wednesday 2:00-2:50, VZN 152
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Office Hours: I have scheduled office hours 1:00-1:50 p.m. on Monday,
Wednesday, and Friday, 11:00-11:50 a.m. on Tuesday, and 9:30-10:20 a.m. on
Thursday. However, when I am in my office, my door is always open and you are
welcomed to come see me. You can check my class schedule at
www.math.hope.edu/swanson/schedule.html.

Labs: We will have nine graded labs throughout the semester. Each lab will cover a
topic that we have done in class. They are designed for you to give you more practice
with the topic as well as investigate the topic in a manner that cannot easily be done
without technology. Labs assigned in class on Thursday are due the following Monday at
noon via Moodle.

Projects: You will have two projects to work on during the semester. This will help you
work on something we do in class, but a bit more in-depth. This will also be a time for
you to get creative if you desire. These projects should be done with a word processing
program (like Word) that has Minitab output incorporated. For the first project you will
use data found online. For the second you will collect your own data. The first project
will be worth 15 points. The second project will be worth 35 points.

CITI: We will be completing the Collaborative Institutional Training Initiative (CITI).
This short online course and test will help you learn how to best obtain data from human
subjects. You will receive 10 points for passing this test.

Lab Schedule

August 27 – Introduction to Minitab
September 3 – Displaying and Describing Data
September 10 – Scatterplots
September 17 – Regression and Correlation
September 24 – Project 1
October 1 – No Lab (CIS)
October 15 – No Lab (Monday Schedule)
October 16 – Confidence Intervals
October 22 – Testing Means and Proportions.
October 28 – Comparing Means and Proportions
November 5 – Chi-Squared Tests
November 12 – Inference for Regression
November 19 – CITI
November 26 – Project 2
December 3 – Project 2