STAT 216.02 – Introduction to Statistics
Summer 2013 – Session I (May 20 – June 17)
CRN: 51053

Class Hours: Mon. – Fri. 2:10 – 4:10 pm
Office Hours: Mon. – Fri. 1:00 – 2:00 pm
(also by appointment)

Prerequisite: Must have taken and passed (Minimum grade of C-)
Math 0102 / M 95 (Intermediate Algebra), or equivalent.

Textbook: Introduction to the Practice of Statistics (7th ed.) by Moore, McCabe & Craig.

Moodle: Moodle will be used for the announcements and assignments. However, you
are responsible for all announcements and assignments that are given in class
or by e-mail. To access Moodle: Go to the Montana Tech's homepage
(www.mtech.edu) and click on the MYMTECH at the top.

Calculator: A calculator that will add, subtract, divide, multiply, and raise numbers to
powers is required for the course, and used on in-class assignments, quizzes,
and exams. You are expected to bring your calculator to every class and exams.
Sharing calculators in exams is not allowed. Calculators on cell phones are not
to be used on exams.
You are responsible for knowing how to use your calculator.

Course Description: The approach to statistical problems will be technique-oriented with an
emphasis on applications.
The topics covered in this course will include the following standard topics:
  Basic terminology, Graphical Tools, Numerical Measures, Normal
  Distribution, Basic concepts of probability, Variables, Probability Models,
  Sampling Distributions, Point Estimation, Confidence Intervals, Hypothesis
  Testing.

Upon completion of this course, it is expected that a student should have a
developing understanding of some of the central ideas in statistics, probability,
and an appreciation of the role Statistics has in science.

Attendance Policy: I will not take formal attendance. However, you need to realize that regular
attendance is very important and is essential for your success in this class. In
addition, you should realize that you are responsible for all announcements
made and material covered in class, regardless of whether or not you were
present.
**Behaviour:** Rudeness will not be tolerated. Rude behaviour, including but not limited to arriving late, leaving early, and talking out of turn, will result in one warning. If the behaviour continues, 5 points per infraction will be subtracted from the offender’s point total.

**Cell Phone Policy:** The use of cell phones, pagers, PDAs, or similar communication devices during scheduled classes is not allowed. All such devices must be turned off or put in a silent (vibrate) mode and ordinarily should not be taken out during class.

Cell phones, pagers, PDAs, or similar communication devices are not allowed during the exam. If any student is seen using or looking at such devices, he/she will receive a grade of zero on the exam. If you are expecting an emergency call, please notify me before the exam and I will hold your phone for you.

**Disability Services Policy:** Students with disabilities who believe they may need accommodations in this class are encouraged to contact a Montana Tech Disability Coordinator (DSC) at 496-4429 (North Campus) as soon as possible.

Any student who may need an accommodation due to a disability, please make an appointment to see me. A letter from a Montana Tech DSC authorizing your accommodations is needed.

**Homework:** Regular homework (HW) assignments will be given in every class and you are expected to do it, however, no HW will be collected to be graded. You need to do these assignments in order to understand the material and do well in this class. And since most of the quiz/exam questions will be similar to the HW problems, I encourage you to work on each assignment. There will also be some in-class assignments. Some of these in class assignments may be collected and graded.

**Quizzes:** There will be several quizzes throughout the session. They may or may not be announced in advance and will be given in the first or last 15-20 minutes of class. **There are NO make-ups on quizzes under ANY circumstances!**

**Exams:** There will be one midterm exam and one comprehensive final exam (see the dates under the Tentative Examination Dates section). A missed exam will earn the grade of zero, unless the student has a legitimate reason (such as an accident or sudden severe illness) to miss the exam that day.

Those students must contact me as soon as possible. In such cases, you MUST provide a proof (such as a medical certificate or a police report) in order to have a make-up exam.

**Tentative Exam Dates:**

- **Midterm Exam:** Tuesday, June 4 (2:10 – 3:10); MUS 205
- **Final Exam:** Monday, June 17 (2:10 – 4:10 pm); MUS 205
**Grading Policy:**

Your grade will be based on:

- Quizzes, in-class assignments
- Midterm exam
- Final exam

You can calculate your grade anytime during the session by using the formula below:

\[
\frac{\text{Sum of your scores}}{\text{Total possible}} \times 100\%
\]

- 93% and higher: A
- 90 to 92.9%: A-
- 87 to 89.9%: B+
- 83 to 86.9%: B
- 80 to 82.9%: B-
- 77 to 79.9%: C+
- 73 to 76.9%: C
- 70 to 72.9%: C-
- 66 to 69.9%: D+
- 63 to 65.9%: D
- 60 to 62.9%: D-
- 0 to 59.9%: F

**Drop Deadline:**

June 11, 2013. A grade of “W” will be assigned.