

**TRINE**  
UNIVERSITY  
**COURSE SYLLABUS**

**COURSE TITLE:** Statistics and Quantitative Methods      **TERM & YEAR:** Summer 2020

**COURSE & SECTION NUMBER:** BA 6933 201 OL      **TIME & PLACE:** Moodle

**NUMBER OF CREDIT HOURS:** 3

**COURSE DESCRIPTION:**

This course will provide the students with statistical tools and techniques that will enable them to make an immediate impact in their careers. Additionally, it presents an overview of the various primary and secondary research methodologies used in the business world and the application of statistical techniques to those strategies. This course will be realistically oriented and numerous business examples and cases will be analyzed.

**REQUIRED TEXT:**

Option 1:

MindTap Business Statistics with XLSTAT, 1 term (6 months) Printed Access Card for Statistics for Business & Economics, Revised, 13th ISBN: 9781337406611

Option 2:

Bundle: Statistics for Business & Economics, Revised, Loose-leaf Version, 13th + MindTap® Business Statistics 1 term printed access card ISBN: 9780357003299

**LEARNING OUTCOMES:**

Upon completion of this course, the student should be able to:

1. Interpret information presented in a mathematical form.
2. Represent information in a mathematical form.
3. Effectively calculate using quantitative data.
4. Analyze quantitative information in order to draw appropriate conclusions.
5. The ability to make and evaluate the assumptions used in analyzing quantitative data.
6. Communicate quantitative information in support of an argument
7. Design a study around research choose appropriate samples from the population, and prepare the research instruments
8. Analyze data and correlate results of quantitative studies.
9. Draw conclusions from studies and prepare a written report and presentation
10. Students will develop the initial sections of the project (Abstract, Introduction, and Review of Related Literature, Design & Methodology).

**COURSE REQUIREMENTS:**

Students are expected to read the appropriate sections in the textbook as they are assigned in order to be familiar with terminology and basic concepts. You are also expected to work some of the practice problems in the text even though they are not all collected.

**ATTENDANCE/PARTICIPATION:**

It is expected that students will complete their weekly reading in a timely manner that allows them to fully participate in the class discussion each week. Further, assignment due dates are important in this accelerated course, and **late assignments will not be accepted.**

**GRADING/EVALUATION:**

Grade	Percentage	Quality Points	Meaning of Grade
<b>A</b>	93-100	4.0	Excellent
<b>B+</b>	87-92	3.5	Very Good
<b>B</b>	81-86	3.0	Good
<b>C+</b>	75-80	2.5	Above Average
<b>C</b>	70-74	2.0	Average (lowest passing grade)
<b>F</b>	00-69	0.0	Failure
<b>I</b>	Incomplete	Not figured into GPA	
<b>IP</b>	In Progress (grade deferred)	Not figured into GPA	
<b>W</b>	Withdrawal	Withdrawal before completion of 80% of semester	
<b>WP</b>	Withdrawal	Withdrawal after completion of 80% of semester issued only under special circumstances and with approval of the department chair/director	

Final course grade is determined by total number of points earned out of points possible, rounded to the closest whole number. For example, 87.50 will be rounded up to 88. 87.49 will be rounded down to 87.

**DUE DATE REQUIREMENTS:**

Trine University's academic philosophy is to provide each student with an opportunity to actively learn and demonstrate competencies needed in today's high-performance workplace. Just as in the workplace, it is expected that you will complete all project components by the due date in order to receive full credit. The due date for all project components is midnight EST, on the date listed in the course Submission Schedule. Late assignments **WILL NOT BE ACCEPTED**.

If timely submission of project component becomes challenging for a student due to a legitimate reason, an advance written notice must be sent to the Instructor prior to the due date with the reason for the delay and documentation when appropriate. Grading and provision of feedback for these components will be at the Instructor's discretion.

**WRITTEN ASSIGNMENT REQUIREMENTS:**

Written assignments are expected to conform to standard language conventions. Formal written assignments (other than Forum posts and journaling) must conform to the most recent APA (6th edition) guidelines for referencing, in text citations, appendices, and/or any means of crediting an outside source.

These APA Formatted assignments must be in Microsoft Word and will be submitted through the appropriate link(s) located in Moodle.

All written assignments require a correctly formatted Title Page with Page Headers, Running Heads for publication, Page numbers, an Abstract page, pages of text, and a Reference page. Examples of all of these can be found in the APA Handbook, 6th edition. Keep in mind that a significant part of your grade is based on your written communication skills.

### **STATEMENT ON LEARNING:**

Learning is a shared responsibility. As the instructor and as a student in this class, it is our shared responsibility to develop and maintain a positive learning environment for everyone. The instructor takes this responsibility very seriously and will inform members of the class if their behavior makes it difficult for him/her to carry out this task.

Students are asked to respect the learning needs of their classmates and assist the instructor in achieving this critical goal. It is the instructor's responsibility to present learning opportunities through the course syllabus, lectures, discussions, activities, in-class and out-of-class assignments. It is the student's responsibility to do the learning by completing the readings, by attending class and by participating in class discussions and assignments. A variety of assignments will be used to determine how successful a student is at achieving the course learning outcomes (mastery of course content and skills) outlined in the syllabus. If a student experiences difficulty mastering the material and skills, he/she is encouraged to reflect on the strategies being used to study and prepare for each class. The instructor welcomes a dialogue on learning strategies and may be able to assist in finding resources on campus that will help improve student performance.

### **ACADEMIC MISCONDUCT**

The University prohibits all forms of academic misconduct. Academic misconduct refers to dishonesty in examinations (cheating), presenting the ideas or the writing of someone else as one's own (plagiarism) or knowingly furnishing false information to the University by forgery, alteration, or misuse of University documents, records, or identification. Academic dishonesty includes, but is not limited to, the following examples: permitting another student to plagiarize or cheat from one's own work, submitting an academic exercise (written work, printing, design, computer program) that has been prepared totally or in part by another, acquiring improper knowledge of the contents of an exam, using unauthorized material during an exam, submitting the same paper in two different courses without knowledge and consent of professors, or submitting a forged grade change slip or computer tampering. The faculty member has the authority to grant a failing grade in cases of academic misconduct as well as referring the case to Student Life.

### **PLAGIARISM**

You are expected to submit your own work and to identify any portion of work that has been borrowed from others in any form. An ignorant act of plagiarism on final versions and minor projects, such as attributing or citing inadequately, will be considered a failure to master an essential course skill and will result in an F for that assignment. A deliberate act of plagiarism, such as having someone else do your work, or submitting someone else's work as your own (e.g., from the Internet, fraternity file, etc., including homework and in-class exercises), will at least result in an F for that assignment and could result in an F for the course.

### **Online Course Expectations and Information:**

This course is taught in asynchronous mode, using Moodle. Students will regular access to a webaccessible computer. Software required includes but not limited to Microsoft Office Suite and Adobe Reader.

### **DISCUSSION BOARD CONDUCT:**

There are no discussion boards required for this course.