



Other · Richards College of Business · Economics

# Statistics for Business I

ECON-3402

Spring 2020 Section 91 3 Credits 01/04/2020 to 05/05/2020 Modified 01/05/2020

# Statistical Techniques In Business And Economics

Author: Lind

Publisher: McGraw-Hill

Edition: 17th

ISBN: 1260215253

Availability: Campus Bookstore

## Alternative Purchase Option for Connect Access and eBook

You can also purchase your access from the publisher using this link: (they also have a free trial period that you can use to get started).

Availability: Direct from Publisher-McGraw Hill

Price: \$130 for eBook and Connect Access

## Outcomes

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L01-Construct and interpret tabular and graphical methods of presenting qualitative and quantitative data (LG2, LG3, LG10)

L02-Construct and interpret summary and numerical measures of location, variability, and association for the sample and the population (LG2, LG3, LG10)

L03-Apply basic probability concepts, expected value and variance to a variety of different business applications (LG2, LG6, LG10)

L04-Use discrete and continuous probability distributions and sampling distributions in a variety of business applications (LG2, LG3, LG6, LG10)

L05-Construct and interpret interval estimates and hypothesis tests (LG2)

L06-Estimate regression models, evaluate the results of regression models, and use the results for prediction and forecasting (LG2, LG3, LG6, LG10)

L07-Use Microsoft Excel to generate descriptive statistics and perform regression and correlation analysis (LG2, LG3, LG6, LG10)

## Evaluation

### Criteria

All assignments must be complete by established deadlines. **Late work will not be accepted.**

**Make-ups Exams will NOT be granted;** no matter the reason. Instead, students will need to complete the optional Final Exam.

While many course assignments are completed and graded in the Connect platform, the only "official" grades will be those that are posted to Course Den in the grade tab. Please compare your Connect grades to your CD grades to ensure accuracy.

Students with questions, concerns, complaints, etc. regarding a specific grade, **MUST** bring it to the instructor's attention within **72 hours** of the grade being posted in the Course Den grade book. **Grade issues such as missing or "incorrect" scores that are not brought to the instructor's attention until the end of the semester will not be addressed.**

If there are instances of academic dishonesty (i.e. cheating), the following will occur:

\*A grade of zero will be recorded in the CD grade book

\*Student will be notified via email and be presented instructor's justification

\*Student will have opportunity to defend position

\*If instructor still finds a case for academic dishonesty, grade of zero will remain and instance of academic dishonesty will be officially reported to the UWG Office of Community Standards

\*Note: If instructor deems the instance to be severe or if there are repeating instances, instructor has the right to issue a final grade of "F" for the course

Type	Weight	Topic	Notes
EXAMS	60%	One Exam per unit; Final Exam optional	The LOWEST score will be dropped (3 count for credit)
Connect QUIZZES & EXCEL Exercises	20%	One quiz per unit; Excel Ex-Ch 3, 9, & 10	The LOWEST score will be dropped (5 count for credit)
Connect Homeworks	10%	One per Chapter	The LOWEST score will be dropped (10 will count for credit)
Connect Learn Smart Readings	10%	One per Chapter	The LOWEST score will be dropped (10 count for credit)

## Breakdown

Final grades for this course will be assigned using the exact distribution listed below. Final grades will not automatically be "rounded up". For example, a student with a final average of 89.9% will receive a grade of "B".

Grade	Range	Notes
A	90 or higher	
B	80 up to 90	
C	70 up to 80	
D	60 up to 70	
F	Below 60	

## Assignments

60% of your course grade is from the Exams and the remaining 40% of your grade is from a variety of Connect assignments (Chapter Learn Smart Readings, Chapter Homeworks, Quizzes and Excel exercises). The due dates for these assignments will be listed in Connect and in Course Den.

## Schedule

This schedule provides a general plan for the course. Additional chapters/topics may be covered if time permits. **ALL assignment's Due Dates will remain fixed.** However, the material covered for each exam is tentative. Any changes will be announced in Course Den.

When	Topic	Notes
Unit 1 Jan. 7th- Feb. 4th	Chapters 1-4	Meet face-to-face every Tuesday. All Thursday sessions are online.
EXAM 1 Tues. Feb. 4th at 11am Newnan Center 166	Chapters 1, 2, 3, and 4	Please bring pencils and a calculator (a statistical calculator is preferred, but at a minimum bring one that allows for raising numbers to various powers and takes all kinds of roots).
Unit 2 Feb. 11th- March 5th	Chapters 5-7	Meet face-to-face every Tuesday. All Thursday sessions are online, except for Thurs. March 5th (Exam 2).

When	Topic	Notes
<b>EXAM 2</b> Thurs. March 5th 11am Newnan Center 166	Chapters 5, 6, and 7	Please bring pencils and a calculator (a statistical calculator is preferred, but at a minimum bring one that allows for raising numbers to various powers and takes all kinds of roots).
<b>Unit 3</b> March 9th- April 23rd	Chapters 8-10 and 13	Meet face-to-face every Tuesday. All Thursday sessions are online, except for Thurs. April 23rd (Exam 3).
<b>EXAM 3</b> Thurs. April 23rd 11am Newnan Center 166	Chapters 8, 9, 10 and 13	Please bring pencils and a calculator (a statistical calculator is preferred, but at a minimum bring one that allows for raising numbers to various powers and takes all kinds of roots).
<b>FINAL EXAM</b> Tues. May 5th 11am Newnan Center 166	Cumulative, but "optional" since I drop the lowest score of the 4 exams	Please bring pencils and a calculator (a statistical calculator is preferred, but at a minimum bring one that allows for raising numbers to various powers and takes all kinds of roots).

## College Policies

### Wolf Pact

Having read the Honor Code for the University of West Georgia, I understand and accept my responsibility to uphold the values described therein and to conduct myself in a manner that will reflect the values of UWG and the Richards College of Business so as to respect the rights of all UWG community members. As a UWG student, I will represent myself truthfully and complete all academic assignments honestly and within the parameters set by my instructor.

I understand and accept that if I am found guilty of violations (through processes due me as a UWG student and outlined in the UWG Student Handbook), penalties will be imposed.

I also recognize that my responsibility includes a willingness to confront members of the UWG community if I feel there has been a violation of the Honor Code.

Ultimately, I will conduct myself in a manner that promotes UWG as the best place to work, learn, and succeed for my generation, and those to come!

### About the Richards College of Business

#### Vision

To become a globally recognized college of business preparing forward-thinking, responsible leaders.

#### Mission

We are in the business of transforming lives through education, engagement, and experiences.

#### Strategic Goals and Values

##### *Student Success*

Admit quality students and provide them with an education that is rich in experiences and engagement opportunities to prepare them to be effective and ethical professionals.

##### *Academic Success*

Recruit, retain and develop faculty and staff by providing sufficient resources to support dynamic and up-to-date bachelor and master-level curricula, to conduct research and other professional activities, and to support engagement with all stakeholders.

#### *Operational Success*

Recruit, retain and develop administrative management and staff personnel to manage, develop and support infrastructure and those activities that build internal and external partnerships while working in an ever-changing environment.

#### *Ethical Values*

The Richards College of Business community (administrators, faculty, staff, students, and business partners) share a commitment to the principles of honesty and integrity in interactions and undertakings, accountability for personal behavior, and respect for the rights, differences, and dignity of others. In addition, we strive to continuously improve our abilities to recognize unethical behavior and to make ethical and moral decisions.

## Institutional Policies

### Academic Support

**Accessibility Services:** Students with a documented disability may work with UWG Accessibility Services to receive essential services specific to their disability. All entitlements to accommodations are based on documentation and USG Board of Regents standards. If a student needs course adaptations or accommodations because of a disability or chronic illness, or if he/she needs to make special arrangements in case the building must be evacuated, the student should notify his/her instructor in writing and provide a copy of his/her Student Accommodations Report (SAR), which is available only from Accessibility Services. Faculty cannot offer accommodations without timely receipt of the SAR; further, no retroactive accommodations will be given. For more information, please contact [Accessibility Services \(https://www.westga.edu/student-services/counseling/accessibility-services.php\)](https://www.westga.edu/student-services/counseling/accessibility-services.php).

**Center for Academic Success:** The [Center for Academic Success \(http://www.westga.edu/cas/\)](http://www.westga.edu/cas/) provides services, programs, and opportunities to help all undergraduate students succeed academically. For more information, contact them: 678-839-6280 or [cas@westga.edu](mailto:cas@westga.edu).

**University Writing Center:** The [University Writing Center \(https://www.westga.edu/writing/\)](https://www.westga.edu/writing/) assists students with all areas of the writing process. For more information, contact them: 678-839-6513 or [writing@westga.edu](mailto:writing@westga.edu).

### Online Courses

UWG takes students' privacy concerns seriously: technology-enhanced and partially and fully online courses use sites and entities beyond UWG and students have the right to know the privacy policies of these entities. For more information on privacy and accessibility for the most commonly used sites, as well as technology requirements visit the [UWG Online \(https://uwgonline.westga.edu/\)](https://uwgonline.westga.edu/) site.

Students enrolled in online courses can find answers to many of their questions in the [Online/Off-Campus Student Guide \(http://uwgonline.westga.edu/online-student-guide.php\)](http://uwgonline.westga.edu/online-student-guide.php).

If a student is experiencing distress and needs help, please see the resources available at the [UWG Cares \(http://www.westga.edu/UWGCares/\)](http://www.westga.edu/UWGCares/) site. [Online counseling \(https://www.westga.edu/student-services/counseling/index.php\)](https://www.westga.edu/student-services/counseling/index.php) is also available for online students.

### Honor Code

At the University of West Georgia, we believe that academic and personal integrity are based upon honesty, trust, fairness, respect, and responsibility. Students at West Georgia assume responsibility for upholding the honor code. West Georgia students pledge to refrain from engaging in acts that do not maintain academic and personal integrity. These include, but are not limited to, plagiarism, cheating, fabrication, aid of academic dishonesty, lying, bribery or threats, and stealing.

The University of West Georgia maintains and monitors a confidential Academic Dishonesty Tracking System. This database collects and reports patterns of repeated student violations across all the Colleges, the Ingram Library, and the School of Nursing. Each incidence of academic dishonesty is subject to review and consideration by the instructor, and is subject to a range of academic penalties including, but not limited to, failing the assignment and/or failing the course. Student conduct sanctions

range from verbal warning to suspension or expulsion depending on the magnitude of the offense and/or number of offenses. The incident becomes part of the student's conduct record at UWG.

Additionally, the student is responsible for safeguarding his/her computer account. The student's account and network connection are for his/her individual use. A computer account is to be used only by the person to whom it has been issued. The student is responsible for all actions originating through his/her account or network connection. Students must not impersonate others or misrepresent or conceal their identities in electronic messages and actions. For more information on the University of West Georgia Honor Code, please see the [Student Handbook \(https://www.westga.edu/administration/vpsa/handbook-code-of-conduct.php\)](https://www.westga.edu/administration/vpsa/handbook-code-of-conduct.php).

## UWG Email Policy

University of West Georgia students are provided a MyUWG e-mail account. The University considers this account to be an official means of communication between the University and the student. The purpose of the official use of the student e-mail account is to provide an effective means of communicating important university related information to UWG students in a timely manner. It is the student's responsibility to check his or her email.

## Credit Hour Policy

The University of West Georgia grants one semester hour of credit for work equivalent to a minimum of one hour (50 minutes) of in-class or other direct faculty instruction AND two hours of student work outside of class per week for approximately fifteen weeks. For each course, the course syllabus will document the amount of in-class (or other direct faculty instruction) and out-of-class work required to earn the credit hour(s) assigned to the course. Out-of-class work will include all forms of credit-bearing activity, including but not limited to assignments, readings, observations, and musical practice. Where available, the university grants academic credit for students who verify via competency-based testing, that they have accomplished the learning outcomes associated with a course that would normally meet the requirements outlined above (e.g. AP credit, CLEP, and departmental exams).

## HB 280 (Campus Carry)

UWG follows University System of Georgia (USG) guidance: [http://www.usg.edu/hb280/additional\\_information#](http://www.usg.edu/hb280/additional_information#) ([http://www.usg.edu/hb280/additional\\_information](http://www.usg.edu/hb280/additional_information))

You may also visit our website for help with USG Guidance: <https://www.westga.edu/police/campus-carry.php> (<https://www.westga.edu/police/campus-carry.php>)

## Mental Health Support

If you or another student find that you are experiencing a mental health issue, free confidential services are available on campus in the [Counseling Center](#). Students who have experienced sexual or domestic violence may receive confidential medical and advocacy services with the Patient Advocates in [Health Services](#). To report a concern anonymously, please go to [UWGCares](#).

## Additional Items