Important Course Information

First of all, I would like to let you know that the course is not part of any UTRGV degree plan at all and it does not exist in UTRGV course catalog, which means it will not count for your graduation.

Then, why do we offer this course and who need to take the course?

Who are supposed to take the course?

- **Students from UTPA (our legacy institution)** - This course is only for those students who started their college degree at UTPA, which means the student is under UTPA degree plan.

- **Transfer Students** - If you are a transfer student who joined UTRGV, your academic advisor may have told you that you can take the course. Technically, yes, this course will count towards your degree plan, if you took business calculus. You are enrolled into the course as the department chair approved you for the course because you satisfy the prerequisite of business calculus. However, from teaching professors' point of view, this course may not serve you well, given the course content and history (This course was split in two courses due to the huge amount of advanced mathematical content. Read the next section below). As instructor of the course, who are familiar with the content, I strongly advise you to take Stat I (QUMT 2341) and Stat II (QUMT 3341) instead of taking this. You are trying to cover very large amount of advanced mathematical content (32 weeks of course content) over just five weeks. For any students (even for graduate students), building strong foundation over such a short period of time covering this much content would be extremely challenging. It would be much beneficial for you to take two statistics courses (Stat I and Stat II) over two semesters and build stronger statistical foundation, because strong statistical and analytical skills are necessary for all business majors. A short-cut may not work or serve for that purpose.

- **UTRGV Students** - All students who entered UTRGV in or after Fall 2015, this course will not count toward your degree plan or graduation at all. You must take QUMT 2331 and QUMT 3341 instead. Do not take this course, because this course (QUMT 3343) does not replace QUMT 2341 and QUMT 3341 at all and you are simply wasting your time, efforts and money. If you are enrolled to the course by accident, change your course right away.

Important facts about the course - Get ready for very high study-load for the course if you are committed to take this course.

- The reason why QUMT 3343 has been removed from the catalog is that the course covering huge amount of content is too much overload for students, which often leads to higher number of D, W,
and F students. Most business colleges in the nation teach the same content of QUMT 3343 over two courses. So, we decided to follow the mainstream by splitting the course in two QUMT 2341 and QUMT 3341.

- Remember you are trying to learn the content of two statistical courses over only 5 weeks. Other students learn the same content over 32 weeks in two regular semesters. Do the math about how much efforts you need to put into the course.
- My advice is that you take only this course for Summer I and expect to study outside classroom on your own for about 3 to 4 hours every day. You will be given assignments every day. **47 assignments** have been scheduled on Hawkes Learning system in addition to three exams and multiple in-class assignments quizzes.

**Summer is the last semester to offer the course**

- It has been four years since QUMT 3343 disappears from UTRGV degree plan. It is high time for us to pull the plug.
- The department and college decided not to offer this course starting from Fall 2019, which means that you do not have a chance to make up your grade next semester, if you have a non-passing grade of D or F. Such non-passing grade will stay on your academic transcript permanently.

**Course Description**

Students will study descriptive and inferential statistical techniques used to solve business related problems. Topics include descriptive techniques, probability, confidence intervals, and tests of hypotheses, analysis of variance, chi-square tests, correlation, and regression.

**Prerequisite**

MATH 1342 (or MATH 1387) or QUMT 2341 with a minimum grade of C.
Or Business Calculus from other institutions

**Textbook and Other Required Resources**

**DISCOVERING BUSINESS STATISTICS** - Bundled with Hawkes Learning Systems  

The Hawkes Learning Systems software is a required component of this course. You will use Hawkes to complete and submit your homework, which accounts for 49% of your grade. An access code registered in your name is required to use the software. The access code is purchasable from [http://www.hawkeslearning.com/Support/GetYourAccessCode.htm](http://www.hawkeslearning.com/Support/GetYourAccessCode.htm). The textbook package that includes an access code are also available at the university’s bookstore. These access codes are one-time use only.

For more information, watch the following video: [http://www.hawkeslearning.com/Instructors/InstructorResources/StudentTraining.htm](http://www.hawkeslearning.com/Instructors/InstructorResources/StudentTraining.htm)

**Course Learning Goals and Outcomes**

By the end of the semester students should be able to:

1. view decision-making problems from a quantitative perspective
2. understand the importance of data collection and analysis in making business decisions
3. be proficient with graphical exploration tools for extracting information from data
4. learn, retain and use key tools and concepts very well, and understand the relevance of statistics in everyday life.
## College of Business Administration Learning Goals

<table>
<thead>
<tr>
<th>BBA Learning Goals</th>
<th>This course contributes to the following BBA learning objectives:</th>
<th>Assessment Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Critical thinking and problem-solving</td>
<td>✅</td>
<td>Exam and assignments</td>
</tr>
<tr>
<td>Professional attitudes</td>
<td></td>
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<tr>
<td>An appreciation for the role of business in a free enterprise economy</td>
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<tr>
<td>Basic quantitative and analytical skills</td>
<td>✅</td>
<td>Exam and assignments</td>
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<tr>
<td>Written communication skills</td>
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<tr>
<td>Oral communication skills</td>
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<tr>
<td>Global awareness</td>
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<tr>
<td>Appreciation for cultural diversity</td>
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<tr>
<td>Ethical decision-making</td>
<td></td>
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<tr>
<td>Functional areas of business (e.g., finance, marketing, accounting)</td>
<td>✅</td>
<td>Exam and assignments</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department/Major Learning Goals</th>
<th>This course contributes to the following discipline-based learning objectives:</th>
<th>Assessment Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop knowledge necessary to understand, design and implement information systems infrastructure in organizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Develop skills necessary to understand, design and implement information systems infrastructure in organizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Develop quantitative skills necessary to effectively evaluate and use information in organizations</td>
<td>✅</td>
<td>Exam and assignments</td>
</tr>
</tbody>
</table>

### Student Responsibilities

The College of Business Administration expects students to behave in a professional and respectful manner in the classroom and during any interaction with professors, colleagues, and other stakeholders (e.g., recruiters). Here are a few specific policies I would like each student to respect in my course:

- Read and understand course syllabus.
- Check Blackboard and Hawkes Learning System every day for reading and assignments.
- Read assigned material before class.
- Academic Honesty: Cheating of any kind is an unacceptable behavior and will not be tolerated.
  - Do your own work.
  - Do not collaborate with others on assignments unless it is specifically allowed.
- Unless otherwise noted, all work submitted to me needs to be typed (double-spaced) and stapled.
  - Make sure you follow instructions and proofread assignments.
• Arrive to class on time.
• Do not disrupt class.
  o No reading the newspaper during class.
  o No chit-chat about non-course related topics.
• No NEDs (Noise Emitting Devices, e.g., cell phones, pagers, mp3 players).
  o Please place your NEDs on vibrate or turn them off during class.
• Instructor permission is required prior to using a laptop in class.
  o A laptop computer used in class should be employed strictly for class related activities.

Grading Policies

There will be three examinations plus a final. The form of examinations will be a mixture of multiple choice, definitions, short-essay questions, and/or problem solving in nature, or entirely one format. I will notify you prior to the exam. The Final Exam will be comprehensive.

Your course grade will be composed of the following:

Assignments/Quizzes 49%
Examination #1 17%
Examination #2 17%
Examination #3 17%

Your final grade will be determined based on the following:

90% and above--------- A
80% up to 89%--------- B
70% up to 79%--------- C
60% up to 69%--------- D
Below 60%----------- F

Missed Exam/Late Assignment Policy

Unexcused exams will not be given a makeup. If you anticipate a scheduled conflict with the exams, let me know prior to the exam. Excused exams will be handled on a case-by-case basis.

Assignments/Late Assignment Policy

Without an official document, the following rules will apply to late in-class lab or homework assignment submissions:

  Within 24 hours ........................................... 80% 
  Within 24 to 48 hours ................................. 60 %
  Within 48 to 72 hours ................................. 40 %
  After 72 hours .............................................. 0 %

Late homework submissions with acceptable official excuses will be given full credit. However, they must be submitted within a reasonable time period. All homework assignments must be submitted following the submit schedules announced by the instructor.

Exams

You will be given three exams for the course, which will count 51% of your semester total. You need a calculator, pencil, an OMR sheet, and a copy of the formulas on the day of the exam. You will also need to bring your own copy of the appendix sections used during the semester. If there is enough space in the classroom, make sure there is an empty seat between you and the person on your left and right. Once the exam begins, students will not be allowed to leave the classroom unless they turn in their exams (i.e. no water or restroom breaks so go prior to class).
Assignments
Homework assignments will be given every class session. You are strongly encouraged to complete all assignments, as they will help you succeed on the exams. Students who drop or fail this course often cite that their reason for failure was not doing the homework assignments.

Class Attendance and Participation
I will either call roll or pass a sign-in sheet at the start of each class session. If you miss the class or come in late, you will be counted absent. Absences in excess of five class sessions without acceptable documentation result in a failing grade or a drop from the course.

Penalty for Browser, Cellphone, and Other Electronic Device Use
Using cell phones or other electronic devices and browsing non-course related sites during class will be penalized. Each time a student is seen using a cell phone or browsing on the internet, five points will be deducted from your Assignments/Quizzes grade.

Calendar of Activities
Important dates for Summer I 2019 include:

- May 31 (Fri.) Last day to withdraw (drop all classes) with a 100% refund
- Jun. 3 (Mon.) Summer I classes begin; Last day to withdraw (drop all classes) with an 80% refund
- Jun. 4 (Tues.) Last day to register for Summer I classes; Last day to withdraw with 50% refund
- Jun. 6 (Thurs.) Census Day (last day to drop without it appearing on the transcript)
- Jun. 27 (Thurs.) Last day to drop (DR grade) a class or withdraw (grade of W)
- July 4 (Thurs.) Independence Day. No classes.
- July 8 (Mon.) Study Day. No classes.
- July 9 (Tues.) Final Exams; Official last day of the Summer I term

UTRGV Policy Statements
Academic Integrity
Cheating of any kind is not acceptable and will not be tolerated. Some of the more common types of academic dishonesty relate to the following:

- Plagiarism - Do not use published and/or unpublished material without acknowledging the source. Do not cut and paste materials directly from other sources without paraphrasing or quotation.
- Cheating on assignments or projects – Do not collaborate with other students unless it is specifically stated by the instructor that working with others is allowed (e.g., a team project).
- Cheating on exams – Do not acquire from, or give information to, other students about exams. Do not use materials or resources during exams that are not expressly permitted by the instructor.
- Any academic integrity violation including cheating and plagiarism will be reported to the university and this integrity violation record stays on your transcript for the next seven years. Penalties for cheating and plagiarism may range from an F on a particular assignment, F for the course, to expulsion from the university. Violators of the University’s policy on Academic Integrity will be referred to the Office of Student Judicial Services for hearings, and will automatically receive an "F" for the course if found guilty.
**Students with Disabilities**

Students with a documented disability (physical, psychological, learning, or other disability which affects academic performance) who would like to receive academic accommodations should contact Student Accessibility Services (SAS) as soon as possible to schedule an appointment to initiate services. Accommodations can be arranged through SAS at any time, but are not retroactive. Students who suffer a broken bone, severe injury or undergo surgery during the semester are eligible for temporary services.

**Pregnancy, Pregnancy-related, and Parenting Accommodations**

Title IX of the Education Amendments of 1972 prohibits sex discrimination, which includes discrimination based on pregnancy, marital status, or parental status. Students seeking accommodations related to pregnancy, pregnancy-related condition, or parenting (reasonably immediate postpartum period) are encouraged to contact Student Accessibility Services for additional information and to request accommodations.

**Student Accessibility Services:**

**Brownsville Campus:** Student Accessibility Services is located in Cortez Hall Room 129 and can be contacted by phone at (956) 882-7374 (Voice) or via email at ability@utrgv.edu. **Edinburg Campus:** Student Accessibility Services is located in 108 University Center and can be contacted by phone at (956) 665-7005 (Voice), (956) 665-3840 (Fax), or via email at ability@utrgv.edu.

**Mandatory Course Evaluation Period**

Students are required to complete an ONLINE evaluation of this course, accessed through your UTRGV account (http://my.utrgv.edu); you will be contacted through email with further instructions. Students who complete their evaluations will have priority access to their grades.

**Attendance**

Students are expected to attend all scheduled classes and June be dropped from the course for excessive absences. UTRGV's attendance policy excuses students from attending class if they are participating in officially sponsored university activities, such as athletics; for observance of religious holy days; or for military service. Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.

**Scholastic Integrity**

As members of a community dedicated to Honesty, Integrity and Respect, students are reminded that those who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and expulsion from the University. Scholastic dishonesty includes but is not limited to: cheating, plagiarism, and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts. Since scholastic dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced (Board of Regents Rules and Regulations and UTRGV Academic Integrity Guidelines). All scholastic dishonesty incidents will be reported to the Dean of Students.

**Sexual Harassment, Discrimination, and Violence**

In accordance with UT System regulations, your instructor is a “responsible employee” for reporting purposes under Title IX regulations and so must report any instance, occurring during a student’s time in college, of sexual assault, stalking, dating violence, domestic violence, or sexual harassment about which she/he becomes aware during this course through writing, discussion, or personal disclosure. More information can be found at www.utrgv.edu/equity, including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect in an environment free from sexual misconduct and discrimination.
### Course Schedule

This syllabus and schedule are subject to change in the event of extenuating circumstances.

<table>
<thead>
<tr>
<th>DATE</th>
<th>SUBJECT/TOPIC</th>
<th>CHAPTER</th>
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<tbody>
<tr>
<td>July 11</td>
<td>Class Orientation/ Decision Making Using Statistics</td>
<td>Ch 1, 2</td>
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<tr>
<td></td>
<td>Data, Reality, and Problem Solving</td>
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<td>July 12</td>
<td>Organizing, Displaying, and Interpreting Data</td>
<td>Ch 3</td>
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<tr>
<td>July 15</td>
<td>Numerical Descriptive Statistics</td>
<td>Ch 3 &amp; 4</td>
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<tr>
<td>July 16</td>
<td>Numerical Descriptive Statistics</td>
<td>Ch 4</td>
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<tr>
<td>July 17</td>
<td>Numerical Descriptive Statistics</td>
<td>Ch 4 &amp; 5</td>
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<tr>
<td>July 18</td>
<td>Probability, Randomness, and Uncertainty</td>
<td>Ch 5</td>
</tr>
<tr>
<td>July 19</td>
<td>Probability, Randomness, and Uncertainty</td>
<td>Ch 5</td>
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<tr>
<td>July 22</td>
<td><strong>EXAM I</strong></td>
<td>Chapters 1 - 5</td>
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<td>July 23</td>
<td>Discrete Distributions</td>
<td>Ch 6</td>
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<td>July 24</td>
<td>Continuous Distributions</td>
<td>Ch 7</td>
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<tr>
<td>July 25</td>
<td>Continuous Distributions</td>
<td>Ch 7 &amp; 8</td>
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<tr>
<td></td>
<td>Sampling &amp; Sampling Distributions</td>
<td></td>
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<tr>
<td>July 26</td>
<td>Sampling &amp; Sampling Distributions</td>
<td>Ch 8</td>
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<tr>
<td>July 29</td>
<td>Estimation for Single Populations</td>
<td>Ch 9</td>
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<tr>
<td>July 30</td>
<td>Estimation for Single Populations</td>
<td>Ch 9</td>
</tr>
<tr>
<td>July 31</td>
<td>Estimation for Single Populations</td>
<td>Ch 9</td>
</tr>
<tr>
<td>August 1</td>
<td><strong>EXAM II</strong></td>
<td>Chapters 6 - 9</td>
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<td>August 2</td>
<td>Hypothesis Testing: Single Samples</td>
<td>Ch 10</td>
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<td>August 5</td>
<td>Hypothesis Testing: Single Samples</td>
<td>Ch 10</td>
</tr>
<tr>
<td>August 6</td>
<td>Hypothesis Testing: Single Samples</td>
<td>Ch 10 &amp; 11</td>
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<td>August 7</td>
<td>Inferences about Means and Proportions: Two Samples</td>
<td>Ch 11</td>
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<td>August 8</td>
<td>ANOVA</td>
<td>Ch 12</td>
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<td>August 9</td>
<td>ANOVA/Regression, Inference, and Model Building</td>
<td>Ch 13</td>
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<tr>
<td>August 12</td>
<td>Regression, Inference, and Model Building</td>
<td>Ch 13</td>
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<tr>
<td>August 13</td>
<td>Multiple Regression Analysis</td>
<td>Ch 14</td>
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<tr>
<td>August 14</td>
<td><strong>EXAM III</strong></td>
<td>Chapters 10 - 14</td>
</tr>
<tr>
<td>August 15</td>
<td>Study Day. No classes</td>
<td></td>
</tr>
<tr>
<td>August 16</td>
<td><strong>Final Exam Day</strong></td>
<td></td>
</tr>
</tbody>
</table>
Important Information

Instructor Name: _______________________________________________________
Section Name: _______________________________________________________

Do NOT purchase a used License Number or Access Code (from other students or online vendors). License Numbers and Access Codes are registered to the original purchaser only.

Create Your Hawkes Account

Go to learn.hawkeslearning.com and click Create an Account to create an account.

1. If you have already purchased your materials, enter your License Number (located on the yellow sticker in your materials) or Access Code and click Validate. OR If you need to purchase an Access Code, use the link to purchase one from the Hawkes website.

   a. Select the option to Purchase an Access Code.
   b. Fill out the form with your information.
   c. Click Submit to receive your personalized Access Code.
   d. Copy and paste or type your Access Code into the New User Setup page.

2. Fill out the form with your information or confirm the preloaded information.

3. Set your password, time zone, and security questions.

4. Add a profile image.
Enroll in Your Course
Select your instructor and section from the drop-down menus and click Enroll.

You are now ready to complete assignments for this course!

Explore Your Course
Watch the Video Tour located under the profile menu to learn more about Hawkes.

1. The Dashboard includes your course information and the mini To-Do List.
2. The To-Do List shows you when you need to complete homework or take a test.
3. The Navigation Toolbar contains links to important tools such as your grades, eBooks, the notifications center, and messages.

Complete Your Homework
Each lesson involves three phases: Learn, Practice, and Certify. Use Learn and Practice to learn the concepts and work out practice problems. When you feel confident in the material, move to Certify to complete your homework.

For additional help, go to http://www.hawkestv.com to watch videos on every lesson.

Get Help
If you have any questions about registering your email address and password, enrolling in your course, or using the site, please contact Hawkes Technical Support.

Phone: 800.426.9538
Phone Hours: Monday - Friday, 8:30am - 10:00pm ET

Online Chat Support: http://www.hawkeslearning.com/chat
Chat Hours: 24 hours a day, 7 days a week

Technical Support Email: support@hawkeslearning.com