COURSE TITLE: Statistical Techniques Used in Accounting
COURSE NUMBER: ACCT. 5353 - 001 (TuTh 5:30-6:50 p.m.)
CLASSROOM LOCATION: Life Science Building, Room 424

INSTRUCTOR: Dr. Tom Hall
OFFICE LOCATION: Business Building, Room 401
OFFICE HOURS: 3:00 p.m. - 4:00 p.m. TuTh and by appointment
OFFICE PHONE: 817-272-3087 (direct) or 817-272-3481 (departmental office)
E-MAIL ADDRESS: tom.hall@uta.edu
INSTRUCTOR PROFILE: https://www.uta.edu/profiles/thomas-hall
INSTRUCTOR WEBSITE: http://www.uta.edu/faculty/wave

COURSE CONTENT and STUDENT LEARNING OUTCOMES:
This course provides a study of sampling and statistical evaluation techniques used in accounting and auditing. Coverage includes: professional standards and legal issues, how to select a random sample, alternative sample selection methods, attribute sampling, monetary unit sampling, variables sampling, and heuristics and biases of judgmental sampling. The practical application of sampling is emphasized. Students completing the course will be able to: (1) properly select random samples and deal with selection problems; (2) plan, execute, and evaluate attribute sampling applications; (3) plan, execute, and evaluate monetary-unit sampling applications, and (4) plan, execute, and evaluate variables sampling applications. Students will also gain an understanding of sampling distributions and the risks of nonstatistical (judgmental) sampling.

PREREQUISITES: An introductory statistics course (undergraduate or graduate).


COMPUTER SOFTWARE: Resampling Stats Add-In for Excel. Required. Ordered online, instructions TBA. IDEA Audit Software. Required. Available at the UTA bookstore.

CONDUCT OF CLASS:
This course is taught as a lecture class. For each chapter, I will spend about two-thirds of the allotted time in lecture and the other one-third working homework problems. My lectures will contain much information not presented in your textbook and therefore it is important that you attend class on a regular basis. Copies of my lecture slides are available on my website.

READING ASSIGNMENT:
You are expected to read each chapter in its entirety prior to the day for which it is assigned. It is best to complete the reading assignment before attempting the written homework assignment.

HOMEWORK:
Each homework assignment should be prepared by the beginning of the class designated on the assignment schedule. These problems are selected to help you learn important concepts. Assignments will come from the text, previous CPA exams and other sources. You should expect to spend about 12 hours per week preparing for class.

Certain homework assignments require the use of lab software to generate random numbers. For these assignments all students should use the following eight digit seed number: 12345673.
EXAMINATIONS:
Two examinations will be given during the semester. Test questions may come from previous CPA, CMA, or CIA examinations, the textbook, and other sources. Unless otherwise stated on the face of the examination, all examinations will be closed-book/closed-note.

Test dates specified on the Assignment Schedule are approximate. It is not uncommon for these dates to be changed as the semester progresses. Hence, if you miss a class meeting you should consult with me to determine if a test date has been changed. Because some of the test questions will be multiple choice, you should bring a Scantron form #882-ES to class.

FINAL EXAMINATION:
The final examination will be comprehensive with questions drawn from a variety of sources including, perhaps, previous CPA or CMA exams. Completion of the final exam is required for course credit. Unless otherwise stated on the face of the final examination, the examination will be closed-book/closed-note.

PROFESSIONAL CONDUCT:
In addition to demonstrating mastery of the course material, students are also required to demonstrate professional conduct at all times. Professional conduct includes behavior that supports the classroom learning environment, manifests respect for the instructor and fellow students, exhibits reliability in the completion of assignments, complies with accepted standards of professional responsibility in the accounting field, and complies with university rules and regulations. Details regarding the requirements for professional conduct are provided in a separate handout which is posted on my website.

CLASS SYLLABUS:
The class syllabus represents a plan for the forthcoming semester, and is not a contract. This plan may change as the semester progresses. If there is a change I will make an announcement in class and post a revised syllabus on the course website.

If you are employed and know that you will be unable to attend class on a scheduled examination date due to unavoidable work responsibilities I will arrange to administer your examination early provided you supply acceptable supporting documentation. Please contact me at least two weeks before your test date to discuss arrangements.

ATTENDANCE POLICY:
At The University of Texas at Arlington, taking attendance is not required. Rather, each faculty member is free to develop his or her own methods of evaluating students’ academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section, my policy is as follows. Students are required to attend class on examination dates. On the days I lecture and review homework attendance is not required but is strongly encouraged. The reason you should be in class when I lecture or work homework is that I often provide additional information not contained in my lecture slides.

CLASS PARTICIPATION:
You are expected to respond in class as questions are directed at you. Feel free to ask questions or raise points for discussion which pertain to the reading and written assignments. Both types of participation may affect your grade.

MISSED WORK:
No make-up tests will be given. Failure to complete an exam at the scheduled time will result in a grade of zero. However, in cases where you have an excused absence and supporting documentation, I will increase the point value of your final exam to compensate for the missed exam. An absence is excused for serious illness, death of an immediate family member, or travel on university business. An absence is not excused due to vacation travel, car trouble, or work responsibilities.

If you are employed and know that you will be unable to attend class on a scheduled examination date due to unavoidable work responsibilities I will arrange to administer your examination early provided you supply acceptable supporting documentation. Please contact me at least two weeks before your test date to discuss arrangements.
CLASS GRADE:
Each student is awarded a letter grade based on my judgment as to his/her mastery of the course subject matter. Possible grades and their meaning are as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mastery of Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Excellent</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
</tr>
<tr>
<td>C</td>
<td>Fair</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
</tr>
<tr>
<td>F</td>
<td>Inadequate</td>
</tr>
</tbody>
</table>

To form a judgment as to each student's mastery of the course subject matter I will gather various types of evidence. This evidence will include, at a minimum, projects, in-class examinations, and a final examination. I reserve the right to use pop quizzes if student class participation is judged to be inadequate. At semesters end, I will calculate for each student a numerical class average using the following weights:

<table>
<thead>
<tr>
<th>Grade Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects</td>
<td>.10</td>
</tr>
<tr>
<td>In-class examinations</td>
<td>.60</td>
</tr>
<tr>
<td>Final Examination</td>
<td>.30</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1.00</strong></td>
</tr>
</tbody>
</table>

In addition to class average, my judgment regarding course performance considers: (1) the trend in examination and project scores (upward slope is a positive), (2) the consistency of examination and project scores (low variation is a positive), and (3) consistency of professional conduct (high consistency is a positive). After reviewing class averages and taking into account the other factors relevant to course performance, I will form a judgment as to each student's course performance and assign the appropriate letter grade.

GRADE OF INCOMPLETE (I):
University policy regarding the grade of incomplete states:

A grade of I (incomplete) may be assigned for a course if, in the opinion of the instructor, there are extenuating circumstances which prevent the student from completing the required work within the semester of enrollment for the course. The incomplete must be removed by the end of the final examination period of the following semester, excluding the summer session, for the student to receive credit for the course. If the incomplete is not removed during the allotted time period, it will convert automatically to an F. As long as the grade is carried as an I, it will not be used in the calculation of the student’s grade point average. A student should not re-enroll in a course for which an I remains the grade of record.

If you develop a serious medical problem which precludes completion of your university coursework (e.g., all courses you are enrolled in this semester), and if you provide written documentation from your physician which attests to this fact, you will be awarded a grade of incomplete (I). To remove the incomplete you must complete that portion of the course that was remaining at the time you stopped attending class.

For example, assume a student completes the first 12 weeks of the course and takes one or more examinations. Then, the student develops a serious medical condition which precludes completion of the course (verified in writing by a physician). In this circumstance the student would receive a grade of incomplete. Once the student’s condition improves he/she would complete the remaining course requirements (examinations and projects), and these grades would be averaged with the prior grades. The resulting average would be used in the normal grade assignment process.
QUESTIONS REGARDING CLASS GRADE:
If you want to know your class grade before grade reports are issued, please provide me a stamped and self-addressed envelope. Because it is often difficult to recognize a person's voice over the phone, and because student grade information is confidential, I do not provide grade information over the phone. Also, I do not report grades via e-mail due to concerns about confidentiality.

After grade reports are issued, if you have a question about your grade, you must contact me within one month of the date your final exam was administered. Due to storage limitations, I discard exams, papers, etc. after one month has passed.

DROPPING CLASS:
Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (http://wweb.uta.edu/aao/fao/).

MAKE-UP SESSIONS FOR CANCELED CLASSES:
If a scheduled class is canceled we will generally hold a make-up session in our regular classroom on the Saturday morning following the canceled class. If a make-up session is necessary, details may be obtained by calling my office phone number 817-272-3087.

STUDENT CLASSROOM BEHAVIOR:
Professional behavior by students is critical to maintaining an effective learning environment. However, every class will have some students who are unaware of the fact that certain behaviors are unprofessional, disrupt the class, and interfere with the learning process. To ensure that all students understand what constitutes proper classroom behavior I offer the following guidelines.

1. arrive at the classroom site on time,
2. once class starts remain in your seat until the instructor dismisses the class,
3. do not converse with colleagues while the class is in progress,
4. turn off beepers and telephones while the class is in progress,
5. do not consume food or beverages while the class is in progress, and
6. do not use tobacco products while the class is in progress.

Regarding rule # 1 above, I have observed that every class will have some students who arrive at the classroom site after class has started. These late arrivals are a disruption to the class and, as a courtesy to other students and the instructor, care should be taken to minimize such occurrences. That said, if your arrival on campus is unavoidably delayed please do come to class.

Regarding rule # 2 above, every class also seems to have some students who leave the classroom while class is in progress and then return later. This is a disruption to the class and, as courtesy to other students and the instructor, should be avoided unless there is a valid medical reason. If there is a valid medical reason why you must periodically leave your seat while class is in progress you should provide me with appropriate supporting documentation within the first week of class.

As a matter of courtesy, I ask that all students comply with these guidelines. If I observe a compliance problem I will first consult with the student(s) involved. If necessary, those students who continue to engage in disruptive classroom behavior will be referred to the University Discipline Coordinator and / or dismissed from class. Unprofessional behavior may adversely impact a student’s course grade.
EMERGENCY EXIT PROCEDURES:
Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest building exit. To reach the nearest building exit you should turn left as you exit the classroom and then proceed down the stairs to the first floor. When exiting the building during an emergency, you should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist handicapped individuals.

AMERICANS WITH DISABILITIES ACT:
The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the Americans with Disabilities Act (ADA). All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

TITLE IX:
The University of Texas at Arlington is committed to upholding U.S. Federal Law “Title IX” such that no member of the UT Arlington community shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity. For more information, visit www.uta.edu/titleIX.

UNIVERSITY SUPPORT FOR ACADEMIC SUCCESS:
UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources.

UNIVERSITY ELECTRONIC COMMUNICATION POLICY:
UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Information about activating and using MavMail is available at http://www.uta.edu/oit/cs/email/mavmail.php.

FINAL REVIEW WEEK:
A period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.
COURSE WEBSITE:
The internet address of my website is given on page one of this syllabus. To logon on to this site use your UTA network ID and password. When you attempt to access this website be sure the URL begins with: http://. Also, make sure your logon ID is: UTA\[name\] where [name] is your network ID. This website contains copies of various documents including: selected homework solutions, lecture notes, examinations from prior semesters, and the course syllabus. The website also includes advice from former students on how to succeed in the course. To access my website you will need to supply your UTA logon ID and password when prompted. Access to certain documents and programs on this website requires an instructor supplied password.

Note: If you have trouble logging on you should first make sure that your password has not expired. Under university procedure student passwords automatically expire after 90 days. If your password has expired you should contact the computer help desk (at 817-272-2208). If you know your logon name you may be able to reset an expired password by using the university’s website. The URL for the reset program is: http://oit.uta.edu/resetpassword. This URL may be accessed from the university website by selecting the ‘Computing’ link, and then selecting the ‘Password Reset Policy’ link.

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UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or view the information at www.uta.edu/resources.

COLLEGE OF BUSINESS EMERGENCY EVACUATION POLICY:
In the event of an evacuation of the College of Business building, when the fire alarm sounds, everyone must leave the building by the stairs. With the fire alarm system we now have, the elevators will all go to the first floor and stay there until the system is turned off.

All those in the North tower side of the building should proceed to the fire escape stairs located on the East and West sides of that wing.

Disabled persons should proceed to the Northeast fire stairs. We have an evacu-track chair located on the 6th floor stairwell. We have people trained in the use of this chair and there will be someone that will go to the 6th floor to get the chair and bring it to any lower floor stairwell to assist disabled persons.

Should this be a real emergency, the Arlington Fire Department and UTA Police will also be here to help.

UNIVERSITY ELECTRONIC COMMUNICATION POLICY:
The University of Texas at Arlington has adopted the University “MavMail” address as the sole official means of communication with students. MavMail is used to remind students of important deadlines, advertise events and activities, and permit the University to conduct official transactions exclusively by electronic means. For example, important information concerning registration, financial aid, payment of bills, and graduation are now sent to students through the MavMail system. All students are assigned a MavMail account. Students are responsible for checking their MavMail regularly. Information about activating and using MavMail is available at http://www.uta.edu/oit/email/. There is no additional charge to students for using this account, and it remains active even after they graduate from UT Arlington.

STUDENT FEEDBACK SURVEY:
At the end of each term, students enrolled in classes categorized as lecture, seminar, or laboratory shall be directed to complete a Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback enters the SFS database anonymously and is aggregated with that of other students enrolled in the course. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law; students are strongly urged to participate. For more information, visit http://www.uta.edu/sfs.
COLLEGE OF BUSINESS POLICY ON STUDENTS DROPPED FOR NON-PAYMENT:
Students who have not paid by the census date and are dropped for non-payment cannot receive a grade for the course in any circumstances. Therefore, a student dropped for non-payment who continues to attend the course will not receive a grade for the course. Emergency loans are available to help students pay tuition and fees. Students can apply for emergency loans by going to the Emergency Tuition Loan Distribution Center at E. H Hereford Center.

COLLEGE OF BUSINESS POLICY ON FOOD AND/OR DRINKS IN CLASSROOMS:
College policy prohibits food and/or drinks in classrooms and labs. Anyone bringing food and/or drinks into a classroom or lab will be required to remove such items, as directed by the class instructor or lab supervisor.

COLLEGE OF BUSINESS BOMB THREAT POLICY:
To reduce the number of class disruptions due to bomb threats, the College of Business has adopted the following policy.

1. Section 22.07 of the Texas Criminal Law Statutes governs terrorist threats and classifies bomb threats as Class A misdemeanors. Section 12.21 of the Texas Criminal Law Statutes states that a Class A misdemeanor is punishable by: (1) a fine not to exceed $4,000, (2) a jail term of not more than one year, or (3) both such a fine and confinement.

2. If you are tempted to call in a bomb threat, be aware that technology is available to trace phone calls and identify callers via the use of voice print techniques.

3. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats to the Business Building. Unannounced alternate sites will be available for these classes. If a student who has a class with a scheduled test or presentation arrives and the building has been closed due to a bomb threat, the student should immediately check for the alternative class site notice which will be posted on/near the main doors on the south side of the Business Building. If the bomb threat is received while class is in session, your instructor will ask you to leave the building and reconvene at another location.

4. Students who provide information leading to the successful prosecution of anyone making a bomb threat will receive one semester's free parking in the Maverick Garage across from the Business Building. UTA's Crimestoppers will provide a reward to anyone providing information leading to an arrest. To make an anonymous report, call 817-272-5245.

On test days students should arrive at the classroom site at least 10 minutes before the beginning of class. If a bomb threat precludes entry into the Business Building, you should immediately proceed to our class assembly area at the southwest corner of the intersection of West Street and 3rd Street (see diagram below). From there, at 5 minutes to the hour, we will proceed to an alternate test site. Because we will leave the assembly area at 5 minutes to the hour, you must arrive at the assembly area prior to that time.
UNIVERSITY AND DEPARTMENT POLICIES ON ACADEMIC DISHONESTY:
It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include dismissal from class with a grade of F, suspension, or expulsion from the University.

As defined in the university Handbook of Operating Procedures (Section 2-202) -

"Scholastic dishonesty [includes], but [is] not limited to, cheating, plagiarism, and collusion on an examination or an assignment being offered for credit. Each student is accountable for work submitted for credit, including group projects;

A. Cheating on an examination or an assignment includes:
   1. copying the work of another, allowing someone to copy, engaging in written, oral or any other means of communication with another, or giving aid to or seeking aid from another when not permitted by the instructor;
   2. using material during an examination or when completing an assignment that is not authorized by the person giving the examination or making the work assignment, including, but not limited to, electronic or digital devices such as calculators, cell phones, camera phones, scanner pens, palms, or flash drives, etc.;
   3. taking or attempting to take an examination for another, or allowing another to take or attempt to take an examination for a student;
   4. using, obtaining, or attempting to obtain by any means, the whole or any part of an examination or work assignment that is not provided for your use by your instructor;
   5. any act designed to give unfair advantage to a student or the attempt to commit such an act;
B. Plagiarism means the unacknowledged incorporation of the work of another in work that is offered for credit;
C. Collusion means the unauthorized collaboration with another in preparing work that is offered for credit;"

Accountants are invariably in positions of trust and responsibility. As such, the accounting profession demands that its members behave with the highest regard for ethical and moral conduct. You have elected to study accounting, and perhaps prepare yourself for a career in accounting. As such, the Faculty of the Department of Accounting at The University of Texas at Arlington must necessarily expect that you behave according to the same high ethical standards that are expected of the profession itself. Scholastic dishonesty will not be tolerated. The Department will, as a matter of policy and without exception, seek disciplinary action against any person committing any act of scholastic dishonesty.

In addition, each student should consider it their personal obligation to report any known or suspected acts of scholastic dishonesty. Failure to report a known act of scholastic dishonesty can be regarded as collusion with that act. Please advise me promptly of any known or suspected act of scholastic dishonesty.

UNIVERSITY STUDENT HONOR CODE:
All students enrolled in this course are expected to adhere to the UT Arlington Honor Code:

I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

Violation of the honor code is considered unprofessional conduct and may adversely affect a student’s course grade.
<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date</th>
<th>Topic</th>
<th>Reading Assignment</th>
<th>Homework + Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>August 21</td>
<td>Course Introduction</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>26</td>
<td>In-class sampling exercise</td>
<td>Case Description</td>
<td>-</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Sample Selection Form</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>28</td>
<td>Review of Sampling Exercise, General Issues In Sampling, Professional Standards</td>
<td>Guy-1</td>
<td>1-1, 1-2, 1-7, 1-8, 1-10</td>
</tr>
<tr>
<td>4</td>
<td>September 2</td>
<td>Sampling Overview, Legal Status, Software demonstration</td>
<td>R1, R2</td>
<td>Student Contact Sheet due</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Resampling Stats Guide</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>Selecting a Random Sample</td>
<td>Guy-2</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>9</td>
<td>Selecting a Random Sample</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>11</td>
<td>Selecting a Random Sample</td>
<td>-</td>
<td>2-1, 2-4, 2-5, 2-11, 2-12, 2-13, 2-15, 2-16, 2-19, 2-20 Dice Exercise, Number of Possible Samples Exercise</td>
</tr>
<tr>
<td>8</td>
<td>16</td>
<td>Selecting a Random Sample</td>
<td>-</td>
<td>2-22 (use software), 2-23 through 2-32, Case 2-1 (for part c use software)</td>
</tr>
<tr>
<td>9</td>
<td>18</td>
<td>Attribute Methods</td>
<td>Guy-3</td>
<td>-</td>
</tr>
<tr>
<td>10</td>
<td>23</td>
<td>Attribute Methods</td>
<td>Planning 4-stage samples (bring copy to class)³</td>
<td>-</td>
</tr>
<tr>
<td>11</td>
<td>25</td>
<td>Attribute Methods</td>
<td>-</td>
<td>3-1, 3-3, 3-5, 3-7, 3-8, 3-9</td>
</tr>
<tr>
<td>12</td>
<td>30</td>
<td>Attribute Methods</td>
<td>-</td>
<td>3-12, 3-13, 3-14, 3-15, 3-16, Effects of Increasing Sample Size Exercise</td>
</tr>
<tr>
<td>13</td>
<td>October 2</td>
<td>Class Canceled</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>14</td>
<td>7</td>
<td>Attribute Methods</td>
<td>-</td>
<td>3-17, 3-19, 3-20, 3-21, 3-24, Attribute Project Due</td>
</tr>
<tr>
<td>15</td>
<td>9</td>
<td>Attribute Methods</td>
<td>3-25 through 3-34, Case 3-1, 3-2, 3-4, 3-5</td>
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<tr>
<td>16</td>
<td>14</td>
<td>Test 1</td>
<td>-</td>
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</tbody>
</table>
## ASSIGNMENT SCHEDULE (continued)

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date</th>
<th>Topic</th>
<th>Reading Assignment</th>
<th>Homework + Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>16</td>
<td>Monetary Unit Techniques</td>
<td>Guy-6</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>21</td>
<td>Monetary Unit Techniques</td>
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<td>Software demonstration</td>
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<td>IDEA - 1) Plan sample application and</td>
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<td></td>
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<td></td>
<td>2) Evaluate sample</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>23</td>
<td>Monetary Unit Techniques</td>
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<td>Monetary Unit Techniques</td>
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<td>6-1, 6-2, 6-3, 6-7, 6-9, 6-10, 6-12, 6-13</td>
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<td>21</td>
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<td>Monetary Unit Techniques</td>
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<td>6-15, 6-17 through 6-25, Case 6-1, Case 6-3, MUS Project Due</td>
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<td>22</td>
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<td>Classical Variables Methods</td>
<td>Guy-4, Guy-5</td>
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<td>23</td>
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<td>Software demonstration</td>
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<td>IDEA - 1) Plan sample application and</td>
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<td>2) Evaluate sample</td>
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<td>25</td>
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<td>Classical Variables Methods</td>
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<td>4-1, 4-2, 4-13, 4-14, 4-15, 4-16, 4-18 through 4-21,4-23 through 4-27 Classical Sampling Distribution Exercise</td>
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<td>26</td>
<td>18</td>
<td>Classical Variables Methods</td>
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<td>Case 4-3, Case 4-5, Case 4-6 Case 5-4² (a, b, and c only), Resampling Exercise for Case 5-4</td>
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<tr>
<td>27</td>
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<td>28</td>
<td>25</td>
<td>Nonstatistical Sampling</td>
<td>Guy-7, R3, R4, R5, R8, R9, R11</td>
<td>R12, R13, R17, R18, R20 7-1, 7-5, 7-6, 7-9</td>
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<td>27</td>
<td>Holiday</td>
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<td>29</td>
<td>December 2</td>
<td>Nonstatistical Sampling</td>
<td>R12, R13, R17, R18, R20</td>
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<td>December 9</td>
<td>Final Examination 5:30-8:00 p.m.</td>
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</table>

Note: As the instructor for this course, I reserve the right to adjust the above schedule in any way that serves the educational needs of the students enrolled in this course.

1. For this assignment you first make a photocopy of your student ID card (showing your name and photo). Once the photocopy is made print or type the following information on the page: (1) your local phone number, (2) your local mailing address, and (3) your e-mail address.

2. In Case 5-4 the book contains a typographical error in the list of 80 sample elements. On page 188 the difference for sample item number 70 should be ‘+70.35’ (not ‘0’). However, the totals at the bottom of the listing are correct. Also, the case is not clear as to the correct alpha and beta risk to use. When you work the case assume that you want both alpha and beta risk to be 10%.

3. These handouts can be downloaded from my website.
<table>
<thead>
<tr>
<th>Assignment Key</th>
<th>Citation</th>
</tr>
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</table>

Resampling Stats Add-In Guide Available at: [http://www.resample.com/content/software/excel/userguide/RSXLHelp.pdf](http://www.resample.com/content/software/excel/userguide/RSXLHelp.pdf)
SUGGESTIONS FOR SUCCESS IN THIS COURSE:
This is a challenging course that covers a large amount of conceptual and technical material. To successfully complete the class you must master this material and be able to demonstrate your mastery on rigorous examinations. Therefore, I suggest the following:

1. Read each chapter and the related lecture notes on my website before coming to class so that you are prepared to ask questions about points that are not clear.

2. Come to each class and fully participate (bring your book, listen carefully, take notes, ask questions).

3. Prepare ‘study notes’ that summarize key points from the text, lecture notes taken in class, homework assignments, and prior examinations. These ‘study notes’ will be especially helpful in preparing for the final examination.


5. Based on my many years of teaching I have found that successful students manage their time carefully. This means staying current in the course each week (reading the chapter, working homework, working old examinations). If you get behind in your studies you will find it very difficult to catch up before the next examination.

6. If possible, study with a colleague. Working together tends to bring out the best performance in people.

7. To prepare for examinations you should:
   a) Review your ‘study notes’ from item 3 above,
   b) Rework all assigned homework exercises and problems until you can produce solutions with no errors, and
   c) If you have time, work additional exercises and problems from the chapters covered on the examination.

8. On examination days bring the following items to class:
   a) pencils,
   b) Scantron Form No. 882-ES,
   c) eraser,
   d) watch or timepiece, and
   e) basic calculator (maybe two in case one fails).
RULES FOR CLASS ON EXAMINATION DAYS:

Items permitted on desktops during examinations

On examination days the following rules will be enforced.
1. Desktops will be cleared of all items except for the following:
   a. Pencils,
   b. Erasers,
   c. Scantron form,
   d. Test booklet and scratch paper provided by the instructor,
   e. Simple calculator, and
   f. Small clock or watch (if you want to know the time remaining on an examination).
2. No cell phones or other electronic devices (except a simple calculator) will be permitted on desktops.
3. No textbook, class notes, or other printed material will be permitted on desktops.

Instructions for completion of examination

The following instructions will appear on the face of each examination. You should be familiar with these instructions before taking the first examination.

1. Print your name on the examination booklet and your Scantron form.
2. Answer all questions (multiple choice and written problems).
3. Show all work on written problems (if any) to receive maximum credit.
4. Do not round results of intermediate calculations (rounding can cause your answers to be incorrect).
5. Unless otherwise instructed round your final answers to 2 decimal places (e.g., X.XX).
6. For your own protection, do not erase an answer once it is entered on the Scantron form. If you need to change an answer start over with a new Scantron form (erasures often cause Scranton forms to be scored incorrectly).
7. When you turn in your examination place your Scantron form between the first and second page of the examination booklet. Do not staple the Scantron form to the examination booklet.
8. During the examination you may not use a computer, programmable calculator, or have any communication devices (cell phone, text-messaging device) on your desktop.
9. When not in use your Scantron form should be placed so that the answers you have marked are not visible to other students.
10. Record your finalized answers to multiple choice questions on an unwrinkled Scantron form No. 882-E that contains no erasures.
11. Record your answer to written problems (if any) on the blank pages provided at the end of the examination.
   If you need additional paper for your solution to written problems use the paper provided by the instructor and staple the additional paper used to the back of this test booklet.
12. You must stop working on your examination immediately when the time allowed for the examination has expired.
13. Your examination booklet, Scantron, and solution must be in the possession of the instructor no later than 1 minute after time has expired.
14. In this course all examinations are closed-book and closed-note activities. You may not use your book or notes during the examination.
15. Do not copy the work of other students or permit other students to copy your work.

Penalty for failure to follow examination instructions

Each violation of instructions #9-#13 above will result in a 1 letter grade reduction in your test score (10% of the total possible test points) for each violation.

Violation of instruction #14 or #15 above will result in a grade of zero (0) for the examination.