Forensic Accounting

Course Description:
The course will cover the concepts and skills of forensic accounting investigations. Course focuses on the methods and technological tools used to detect occupational fraud including the steps in conducting an investigation, use of technological tools, witness and suspect interviewing techniques, investigation report writing, and expert testimony.

Learning Objectives:
By the end of this course, the students will be able to demonstrate:
• an understanding of the traits of the most common occupational fraud schemes,
• knowledge of the steps necessary to conduct a forensic accounting investigation,
• the ability to use technological tools commonly used in forensic accounting, and
• questioning and interviewing skills used in conducting forensic accounting investigations.

Major Course Requirements:
Student performance evaluation may be based on Bb participation, quizzes, data analysis assignments, and other assignments. The relative weight of each of these components is as follows:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Chapter Blackboard (Bb) Quizzes</td>
<td>30%</td>
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<tr>
<td>Video Assignments/Bb Quizzes</td>
<td>20%</td>
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<tr>
<td>Data Analysis Exercises</td>
<td>20%</td>
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<tr>
<td>Financial statement fraud detection models</td>
<td>20%</td>
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<tr>
<td>Analysis of Video Interviews with Fraudsters</td>
<td>10%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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A letter grade will be determined based on the percentage earned as follows: A: 90-100%; B: 80-89%; C: 70-79%; D: 60-69%; F: 0-59%.

Required Materials:

Electronic applications: Microsoft Excel and Access. It is available on all the stations in OCNR computer lab. Microsoft Excel of similar spreadsheet program is needed for the financial statement fraud detection models. The data analysis exercises can be performed using Microsoft Excel and Access and it is possible to work these assignments using Picalo (free download at [www.picalo.org](http://www.picalo.org)), IDEA, Excel, or ACL (IDEA and ACL are also installed in many of the stations in the OCNR computer labs).

Readings and other materials on Island Online Blackboard 9.1 (Bb9.1) [https://bb9.tamucc.edu/webapps/login/](https://bb9.tamucc.edu/webapps/login/).

Helpful Supplemental Materials
Association of Certified Fraud Examiners website: [http://www.acfe.com](http://www.acfe.com)
Prerequisites:
Graduate standing and ACCT 3340, Fraud Examination or ACCT 4311, Auditing Principles or equivalent.

Relationship to Other Coursework:
This course builds on prior coursework in the fraud examination and auditing areas. It builds on ACCT 3340, Fraud Examination, which covers the psychology of occupational fraud and the analysis of the most common occupational fraud schemes. It builds on ACCT 4311, Auditing, which covers the concepts of audit examinations conducted in the typical case where fraud is not suspected. This course complements ACCT 3340 and 4311 by covering the techniques necessary to conduct investigations when fraud is suspected. Consequently, it represents a highly specialized form of auditing that uses unique audit approaches, technological tools, and other investigation techniques commonly referred to as “forensic accounting.” All major accounting firms now have forensic accounting groups that are called in upon the discovery of suspected fraud. Moreover, the Public Company Accounting Oversight Board (PCAOB), charged by Congress with the oversight of all registered public accounting firms, is proposing that every audit team on a publicly traded client have a forensic accountant as one its members.

Instructional Methodology:
This class is online. It consists of review of materials online, short online quizzes to reinforce the material, video assignments, case studies, and online discussion.

Students will conduct a set of financial statement data analysis projects using technological tools commonly used in practice. Students will conduct a data analysis project in the area of accounts receivable, accounts payable, inventory, or financial statement fraud using technological tools commonly used in practice (e.g, IDEA, ACL, Excel, Access). Students apply skills in conducting interviews by watching a series of videos with convicted fraudsters.

Bb9.1 Submission of assignments: Use Bb 9.1 to submit all student assignments to the instructor. All work is submitted by attaching the work product to a Bb assignment and then submitting it. Assignments should not be emailed to the instructor.

Filename convention for all assignments. Course#_assignment#_yourlastname naming convention for submission of all assignments. Example, data analysis exercise # 1 (EXER1) submitted by Ronnie Arrow should be named “ACCT5340_EXER1_Arrow.”

Due Dates for Assignments. Dues dates associated with assignments are “suggested.” You can go at your own pace as long as you complete all of the assignments by the end of the semester. Dues dates are for those who want help in time management. [Any student who emails me to ask if the due dates are mandatory will be told “for you, yes they are” 😊]

Quizzes. Two attempts are allowed for each quiz. Each attempt has a time limit stated in the quiz. The highest quiz grade counts toward the course grade. If the quiz includes essay question the quiz score result will not occur automatically because these questions are manually graded. After each quiz attempt is graded, the score will be indicated in “My Grades.” It is highly recommended that you wait for your quiz score before starting a new attempt. [Any student who emails me to ask, how many attempts are allowed and whether the highest quiz scores counts will be told “for you, the low score counts” 😊]

Assignment Feedback. Feedback on assignments are provided in the comment area of the grade matrix used for each assignment. You can view this information within “My Grades.”
Oral and Written Communication Content: This is an online course using Bb9.1.

Proctoring fees for online exams.
Courses may require the use of exam-proctoring involving third party charges. Exam-proctoring charges may range from $1 - $50.00 per exam. Students may be required to schedule exams at least 24 hours in advance or incur late scheduling charges. All costs for exams are the responsibility of the student. Students may also be responsible for providing webcams to be used in test proctoring.

Technology Application:
Students are expected to be able to use the library’s electronic search applications (e.g., ABI/Inform and Business Source Complete), Microsoft Office applications, and Bb. Presentation technology (e.g., PowerPoint) will be required of all students. Students may conduct a project using data mining software (e.g., Microsoft Access & Excel, ACL, Picalo, IDEA).

Global Perspectives:
The globalization of many companies raises the issue of an accountant's ability to deal with different cultures, languages, management systems, etc. Discussions of international business and accounting will take place at various times during the course.

Demographic Diversity Perspectives:
This course will not specifically address the issue of demographic diversity. Although it is an important aspect of being a manager, it is not as directly related to the accounting function.

Political, Social, Legal, Regulatory and Environmental Perspectives:
This course will not deal with political and social concerns specifically but will on occasion discuss legal, regulatory and environmental issues of concern to accountants. Ethical considerations are discussed throughout the course with respect to accounting procedures and fraud examinations.

Attendance Policy:
This is an online class. There is no required class attendance.

Academic Integrity/Plagiarism.
University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a grade of “0” for the first instance and an “F” in the course on the second instance.

Dropping a Class
I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with me before you decide to drop to be sure it is the best thing to do. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. July 24 is the last day to drop a class with an automatic grade of “W” this term. August 4 is the last day to withdraw from the University.

Classroom/professional behavior
Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct,
classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

**Statement of Civility (can be in place of classroom/professional behavior)**
Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

**Grade Appeals**
As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules Web site at http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or guidance in the grade appeal process, students may contact the Dean’s office in the college in which the course is taught or the Office of the Provost.

**Disabilities Accommodations**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

**Statement of Academic Continuity**
In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

**Code of Ethics**
This course, and all other courses offered by the College of Business (COB), requires all of its students to abide by the COB Student Code of Ethics (available online at [www.cob.tamucc.edu](http://www.cob.tamucc.edu)). Provisions and stipulations in the code are applicable to all students taking College of Business courses regardless of whether or not they are pursuing a degree awarded by the COB.
Islander Email Accounts
GO to http://newuser.tamucc.edu you will be asked for you student ID number (not your SSN). If you do not know your student ID, go to S.A.I.L. on TAMUCC homepage and follow instructions. For more info call 825-5618.

Other Helpful University Services
University Counseling Center, 825-2703, Driftwood 107
University Health Center, 825-2601, Sandpiper Building
## COURSE OUTLINE*

<table>
<thead>
<tr>
<th>Week</th>
<th>Chapter &amp; Other readings</th>
<th>Assignments</th>
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<tr>
<td><strong>Module 1: Introduction to Forensic Accounting</strong></td>
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| **Week 1** | Ch. 1: Introduction to forensic accounting and fraud examination  
Article: *Survival of the Analytically Fit: The DNA of an Effective Forensic Accountant*  
Article: *Snapshot of Workplace Fraud*  
Ch. 2: The forensic accounting legal environment  
Article: *Basic Legal Concepts* | ACFE Video Assignment and Bb quiz: Inside the Fraudster’s Mind  
Chapters Quiz 1 (covering chapters 1 & 2) |
| **Module 2: Fraud Examination Theory, Practice and Methods** | | |
| **Week 2** | Ch. 5: Fraud prevention and management  
Video: *How to Guard Against Fraud*  
Ch. 6: Fraud detection | Chapter Quiz 2 (covering chapters 5 & 6) |
| **Module 3: Fraud Investigation** | | |
| **Week 3** | Ch. 7: The fraud investigation and engagement process  
Article: *When You Suspect Fraud*  
*The Fraud Examiners*  
Ch. 8: The evidence collection process  
Chapter Quiz 3 (covering chapters 7 & 8) |
| **Week 4** | Ch. 9: Fraud examination evidence I: physical, documentary, and observational evidence  
Ch. 10: Fraud examination evidence II: Interview and interrogation methods  
Articles: *Common Question-Evasion Tactics*  
*Rules for the Written Record* | **Start data analytics exercises**  
ACFE Video Assignment and Bb quiz: Effective Techniques for Interview & Communication |
| **Week 5** | Ch. 11: Fraud examination evidence III: Forensic science and computer forensics | Chapter Quiz 4 (covering chapters 9-11) |
| **Week 6** | CH. 12: The fraud report, litigation, and the recovery process  
Article: *So You Want to Be an Expert Witness* | **Finish data analytics exercises**  
ACFE Video Assignment and Bb quiz: The Fraud Trial  
Chapter Quiz 5 (covering chapter 12) |
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<tr>
<th>Week</th>
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<tr>
<td><strong>Module 4: Occupational and Organizational Fraud</strong></td>
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| Week 7 | Ch. 13: Employee, vendor, and other frauds against the organization  
Article: “Selecting the Right Investigative Resource”  
Ch. 14: Financial statement fraud  
Article: “Applying Forensic Skepticism to Lost Profits Valuations” | Chapter Quiz 6 (covering chapter 13)  
ACFE Video Assignment & Bb quiz: “How to Detect & Prevent Financial Statement Fraud”  
Start: Financial statement fraud detection model Exercise—using selected corporate annual reports and Excel worksheets. |
| **Module 5: Specialized Fraud Areas** | | |
| Week 8 | Ch. 16: Tax fraud  
“IRS Issues 2010 List of ‘Dirty Dozen’ Tax Scams”  
Ch. 17: Bankruptcy, divorce, and identity theft Article: “Phight Phraud” | Chapter Quiz 8 (covering chapter 16)  
Chapter Quiz 9 (covering chapter 17) |
| Week 9 | Ch. 18: Organized crime, counterterrorism, and anti-money laundering  
Article “Guard Against Cybertheft” | Chapter Quiz 10 (covering chapter 18) |
| Week 10 by August 5 | | Turn in Financial statement fraud detection model Exercise |
| August 6 | Final Exam (Quizzes to take after watching videos of convicted fraudsters) | Video Interviews of Fraudsters Assignment |
| **Other Dates of Interest** | | |
| August 8-10 | Grading Days (don’t ask where the grades are yet!) | |
| August 8 | Summer Commencement (congratulations!) | |
| August 11 | Grades Due | |

*Subject to change at discretion of the instructor.*
**Suggested due dates for assignments.** You can work at your own pace. The following deadlines are suggested for those who would like to set targets to complete assignments. The only firm due dates are **May 5** for everything except the final exam. The final exam must be completed on or before **May 13**.

<table>
<thead>
<tr>
<th>Chapter Quizzes</th>
<th>Video Quizzes</th>
<th>Data Analytic Exercises</th>
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<tbody>
<tr>
<td>Quiz 1</td>
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<td>ACFE Video 1</td>
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<td>6/7</td>
<td>Exercise 1</td>
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<td>Quiz 2</td>
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<td>ACFE Video 2</td>
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<td>Quiz 9</td>
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<td>Quiz 10</td>
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<tr>
<td>Financial Statement Models</td>
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<tr>
<td>Final Exam</td>
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