



Please, click on the following link to access A&M-Commerce Covid 19 Information,  
<https://new.tamuc.edu/coronavirus/>

## **BUSA 497/ACCT 497 IT Audit**

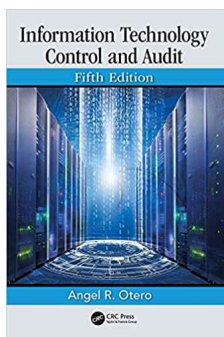
COURSE SYLLABUS: Fall 2020

### **INSTRUCTOR INFORMATION**

Instructor: John D. Jamison, MBA, CISA, CISSP  
Office Location: Virtual  
Office Hours: TBD (Will conduct poll)  
University Email Address: TBD (Not provisioned as of yet)  
Preferred Form of Communication: Email  
Communication Response Time: Within 24 Hours M-F

### **COURSE INFORMATION**

Textbook Required:



Information Technology Control and Audit  
Fifth Edition  
Angel R. Otero  
ISBN-13: 978-1498752282  
ISBN-10: 1498752284

### **Course Description**

This course addresses issues related to the auditing of an organization's computerized environment. Audit considerations and techniques for controls testing, as well as forensic techniques are emphasized. This course will demonstrate skills necessary to become an effective IT audit team and maximize the value of the IT audit function.

*The syllabus/schedule are subject to change.*

## Student Learning Outcomes

- Identify key concepts and theories of IT audit
- Understand how IT audit techniques can be applied to the audit of controls
- Evaluate risks and controls associated with IT application and general controls
- Know how to develop an understanding of and be able to identify audit issues involved in any issue related to computerized accounting

## Other Objectives

My hope for you this semester is that you will enjoy this course, and achieve an understanding of both the theory and practice of IT auditing. There are also ancillary objectives that I hope to instill in you as we move through the course that I believe will help make you successful professionally regardless of your chosen career path (no, will not be on the exams):

- How to develop your personal brand
- How to not become commoditized
- How to effectively communicate
- How to build a professional network
- How to give and receive feedback

## Tentative Course Schedule

Week	Reading Assignment / Assignment Due
8/24	Text: Chapter 1: Information Technology Environment and IT Audit
8/31	Text: Chapter 2: Legislation Relevant to Information Technology
9/7	Text: Chapter 3: The IT Audit Process
9/14	Text: Chapter 4: Tools and Techniques Used in Auditing IT Assignment 1 (IBM Blockchain Essentials) Due: 9/20 @ 11:59 PM Central Time
9/21	Text: Chapter 5: IT Governance and Strategy
9/28	Text: Chapter 6: Risk Management
10/5	Text: Chapter 7: Project Management
10/12	Midterm Exam
10/19	Text: Chapter 8: System Development Life Cycle
10/26	Text: Chapter 9: Application Systems: Risks and Controls Assignment 2 (IBM Introduction to Cloud) Due: 11/1 @ 11:59 PM Central Time
11/2	Text: Chapter 10: Change Control Management
11/9	Text: Chapter 11: Information Systems Operations
11/16	Text: Chapter 12: Information Security
11/23	Assignment 3 (Attend ISACA Meeting) Due: 11/29 @ 11:59 PM Central Time
11/30	Text: Chapter 13: Systems Acquisition, Service Management, and Outsourcing
12/7	Final Exam

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# COURSE REQUIREMENTS

## Minimal Technical Skills Needed

Some familiarity with IT department structure and commonly used business technologies is helpful. While I do not expect that each of you will be “techies”, it will be very important that you be “tech savvy” and eager to learn. If you find yourself confused, please contact me and I will be happy to help.

## Instructional Methods

This course requires a significant time commitment, both inside and outside of the virtual classroom. It is important that you are focused when viewing lectures, participate in class discussions and complete all assigned work on a timely basis.

The majority of the learning in this course will be from class discussions. As such, this is how I recommend that you approach this course on a weekly basis:

- First, complete the week’s reading assignment
- Next, complete the review questions at the end of the chapter
- Then, view the lecture and any guest speaker material
- Finally, participate in class discussions to solidify your understanding

## GRADING

Final grades in this course will be based on the following scale:

- A = 90%-100%
- B = 80%-89%
- C = 70%-79%
- D = 60%-69%
- F = 59% or Below

Weights of the assessments in the calculation of the final letter grade.

Assignment #1 - IBM Blockchain Essentials	50 Points
Assignment #2 - IBM Introduction to Cloud	50 Points
Assignment #3 - ISACA Meeting Attendance	50 Points
Class Participation	100 Points
Midterm Exam	150 Points
<u>Final Exam</u>	<u>150 Points</u>
Total Possible Points	550 Points

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## **Assignments:**

There are three assignments that you will be responsible for completing by the times specified in the course schedule above:

**Assignment #1 - IBM Blockchain Essentials:** You will complete the IBM Blockchain Essentials self-paced course to earn your official badge. This is a great resume bullet and a terrific way to learn about this new technology. While you must complete all modules within the Blockchain Essentials course to complete the assignment, only module 1 will be covered on the midterm exam.

<https://cognitiveclass.ai/courses/blockchain-course>

- 1) Access the course at the above URL.
- 2) Press “Start the Free Course” button, then create an account.
- 3) Then “activate” your account via the activation email you will receive.
- 4) Complete the course (including the videos, review questions and test).
- 5) When complete, in the “Progress” area of the course select “View Certificate” and then save the certificate as a PDF. Printing to PDF is probably the easiest way to do this. Note – Your certificate ID number must be visible on the PDF or you will not receive credit.
- 6) I will communicate in class where to submit this certificate.
- 7) Don’t forget to claim your badge! (Also in the “Progress” area)

**Assignment #2 – IBM Introduction to Cloud:** You will complete the IBM Introduction to Cloud self-paced course to earn your official badge. The instructions to follow are similar to Assignment #1, with the exception that you will not need to create another account. You can skip the "lab" sections of the course (unless you really want to!). While you must complete all modules within the Introduction to Cloud course to complete the assignment, only modules 1-4 will be covered on the final exam.

<https://cognitiveclass.ai/courses/introduction-to-cloud>

**Assignment #3 – ISACA Meeting Attendance:** You will attend an ISACA meeting (virtually). More information to follow in-class.

Ample time will be allocated for the completion of assignments, therefore late assignments will not be accepted. Please contact me if you have questions.

## **Class Participation (Discussions / Guest Speaker Questions / Polls / Etc.):**

Due to this course being offered in an online format, our class discussions and guest speakers will be conducted in a non-live setting. Therefore, students are expected to be active in class discussions within the online forums. Each week, a new forum topic will be opened to allow for discussions on the current week’s reading and lectures.

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Guest speakers will also be a big part of this course. Topics will be opened to allow for questions to be asked of our guest speakers after their presentations have been posted, and for the class to generally discuss the content of the guest speakers' presentations. These questions will be submitted to the guest speaker at the conclusion of the week, and their responses will be posted in the forums once received. Exam questions will come from both the talks, forum discussions and Q&A's of our guest speakers.

Points for class participation will be awarded based on students being actively engaged in all class discussions based on the following criteria: analysis of readings, contemporaneous participation in the community, etiquette/respect in interactions with classmates and the quality of writing/grammar in posts. Similar expectations will apply when formulating questions for our quest speakers, all students are expected to be actively engaged and ask thoughtful questions of our speakers. Participation in class polls will also be considered.

At the end of week 2, I will be sending notes to any students that may not be satisfying the spirit of class participation letting them know where they are falling short so that they will have an opportunity to improve. If you hear nothing from me after week 2, that means to keep doing what you're doing, you're on-track to earn all of your participation points. I will not be providing proactive feedback on participation after week 2, so make sure you keep it up throughout the semester! If you have any concerns during the semester, please feel free to check with me.

### **Exams:**

Two exams will be given. Be prepared for questions to be both objective (multiple choice, etc.) and discussion. The examination will cover materials from the following sources: lecture content, assigned readings, assignments, class discussions (forums) and guest speakers. It is possible that some reading material, for which you are responsible, will not be explicitly discussed in class. The final is not comprehensive.

You are responsible for taking all exams at the times indicated. With a university approved excuse a missed exam may be made-up, however in the interests of fairness, the exact method by which an exam grade is made-up is at the instructor's discretion. An unexcused absence from an examination will be recorded as a zero.

## **TECHNOLOGY REQUIREMENTS**

### **LMS**

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

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LMS Browser Support:

[https://documentation.brightspace.com/EN/brightspace/requirements/all/browser\\_support.htm](https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm)

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

## **ACCESS AND NAVIGATION**

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or [helpdesk@tamuc.edu](mailto:helpdesk@tamuc.edu).

**Note:** Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

## **COMMUNICATION AND SUPPORT**

If you have any questions or are having difficulties with the course material, please contact your Instructor.

### **Technical Support**

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

### **Office Hours**

There will be a polling question given to students during the first week of class to determine preferences for office hours. Final determination on nature and timing of office hours will be posted in-class.

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## **COURSE AND UNIVERSITY PROCEDURES/POLICIES**

### **Syllabus Change Policy**

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced.

### **Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

### **TAMUC Attendance**

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

### **Academic Integrity**

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

### **Students with Disabilities-- ADA Statement**

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

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learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

### **Office of Student Disability Resources and Services**

Texas A&M University-Commerce

Gee Library- Room 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: [studentdisabilityservices@tamuc.edu](mailto:studentdisabilityservices@tamuc.edu)

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

### **Nondiscrimination Notice**

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

### **Campus Concealed Carry Statement**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

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