Course Description:

This course will cover the role of IT auditor/assurance professional in business-focused alignment. It will cover a basic understanding of the controls and objectives; they must also understand organizational risks and how to mitigate them to provide that assurance. This comprehensive course, aligned with the auditor/assurance professional job practice areas, discusses the necessary IT tools and techniques used to optimize service capability of IT. It also addresses the assessment and assurance processes that should be implemented.

Course Goals:

- Understand the audit and assurance standards, guidelines and framework, and be able understand key components of performing an Information Systems Audit
- Learn concepts of IT Risk Management and IT governance to manage Information Technology within an enterprise
- Discuss how to acquire, develop and implement Information Systems
- Describe how to run, maintain and support Information Systems
- Assess ability to protect information assets
- Demonstrate professional preparation, communication, and presentation of an IT Audit to executive committee and executive organization leadership.
Course Content and Study Preparation Material
- No Book Required
- All from briefing and discussion material
- Class attendance – important – Not all study information in material, lecture will contain important information
- Buddy System – stay on top of information and notes sharing

Lectures
- Time: Wednesday’s 7:20 – 10:00 PM, 2 ½ Hours

Course assignments and projects:
Course assignment throughout course will include select cybersecurity standards and guides used in IT Audit and Information Assurance profession. You will be expected to have read and understood these standards and guides and are part of the course curriculum.

Course assignment for final will be an assigned team course project using a provided case study. Case study provided for which students will need to perform a risk assessment, develop an IT audit/information assurance audit guide identifying risk objectives, scope, preparing draft report with reportable findings, presenting case findings and developing recommendations for class presentation (Class will evaluate presentation from a Security Committee Board perspective) and receive feedback from team members as well as Professor on the final class project. Final grade composed of class presentation survey and team contribution feedback as well as instructor input for overall grade.

Planned Grading
- 3 Quizzes - 30%
- 1 Mid-Term - 20%
- Final composed of Projects/Class Presentations - 50%, Team Feedback and Class Feedback Included

Professor Expectations
- Be prepared. Have material before class unless provided in lecture.
- Be engaged and participate by asking questions.
- Attend class lectures.
- Deliver your best product as if your job depends on it.
- Cell Phone and Texting: No phone calls in class – leave the classroom to answer or make a call; Texting: Distracts, not repeating lecture due to your texting in class

Course structure: Lecture and Project Presentation
School of Business undergraduate program learning goals:

Specific learning goals of the undergraduate program in accounting are detailed below. Those in bold will be addressed in this course.

1. Our students will be competent in their discipline: (insert area-specific learning goals as appropriate)

2. Our students will be aware of the uses of technology in business.

3. Our students will be effective communicators.

4. Our students will have an interdisciplinary perspective.

5. Our students will be knowledgeable about global business and trade.

6. Our student will be able to recognize the importance of ethical decisions.

7. Our students will be aware of the legal environment of business.

8. Our students will be knowledgeable about team dynamics and the characteristics of effective teams.

9. Our students will understand the value of diversity and the importance of managing diversity in the context of business.

10. Our students will be critical thinkers.

School of Business Standards of Behavior:

The mission of the School of Business at George Mason University is to create and deliver high-quality educational programs and research. Students, faculty, staff, and alumni who participate in these educational programs contribute to the well-being of society. High-quality educational programs require an environment of trust and mutual respect, free expression and inquiry, and a commitment to truth, excellence, and lifelong learning. Students, program participants, faculty, staff, and alumni accept these principles when they join the School of Business community. In doing so, they agree to abide by the following standards of behavior:

- Respect for the rights, differences, and dignity of others
- Honesty and integrity in dealing with all members of the community
- Accountability for personal behavior
Integrity is an essential ingredient of a successful learning community. Ethical standards of behavior help promote a safe and productive community environment, and ensure every member the opportunity to pursue excellence. School of Business can and should be a living model of these behavioral standards. To this end, community members have a personal responsibility to integrate these standards into every aspect of their experience at the School of Business. Through our personal commitment to these Community Standards of Behavior, we can create an environment in which all can achieve their full potential.

**Mason Honor Code**

Strict adherence to the GMU Honor Code will be enforced. Students are responsible for reviewing and being familiar with GMU Honor Code. See Link: http://oai.gmu.edu/the-mason-honor-code-2/

School of Business Recommended Sanctions for Honor Code violations (Pick appropriate table from set at end of this document):

**Email policy**

*Mason requires that students use their MasonLive email account to receive important University information, including messages related to this class. Faculty may only respond to emails originating from Mason email accounts. Please see http://masonlive.gmu.edu for more information.*

**Business Library Liaison Information:**

Jo Ann J. Henson, MLIS Business and Economics Liaison Librarian
Fenwick Library Fairfax Campus: http://infoguides.gmu.edu/business

**General Course Policies**

**Catalog:**
http://business.gmu.edu/blog/buzz/2015/10/29/new-isom-elective-course-for-spring-2016/

**Attendance and participation:**
Examination information will be composed of lecture, standards, guidelines, and other study material, therefore attendance is required for successful understanding of the concepts and information covered in course.

Late assignments and Make up Exams: Late assignments will not be accepted, No make-up exams, grade of 0 (zero grade issued or GMU policy)
Extra credit: No extra credit opportunities provided
Incompletes: Per GMU policy

Electronic devices (laptops, cell phones, pagers, etc.): No laptops required. No
laptops or class recordings permitted. Laptops, cell phone and pagers used outside
of class during course time and NOT allowed during quizzes, mid-term, or final.

Disability Accommodations:
If you have a learning or physical difference that may affect your academic work, you
will need to furnish appropriate documentation to the Office of Disability Services. If
you qualify for accommodation, the ODS staff will give you a form detailing
appropriate accommodations for your instructors. Please bring that form to me as I
cannot provide any accommodations until I receive that form. Please take the
initiative to discuss accommodation with me at the beginning of the semester and as
needed during the term so we can plan effectively. If you have contacted the Office
of Disability Services and are waiting to hear from a counselor, please let me know.

Diversity:
Diversity is a core value at Mason. We promote a living and learning environment for
outstanding growth and productivity among our students, faculty and staff. Through our
curriculum, programs, policies, procedures, services and resources, Mason strives to
maintain a quality environment for work, study and personal growth. Please read
Mason’s Diversity Statement at http://ctfe.gmu.edu/professional-development/mason-
diversity-statement/.

Religion:
Students who will miss class for religious reasons should inform me of their
anticipated absences as soon as possible.

Counseling Center:
George Mason University has a counseling center that can provide assistance if you
find yourself overwhelmed by life, want training in academic or life skills, or the like.
More information is available at http://www.gmu.edu/departments/csdc/.

Writing Guidelines:
All writing assignments should be formatted as follows: double-spaced, Times New
Roman, 12-point font, and 1-inch margins. To cite and reference professional or
academic sources, please use APA style. Specific instructions for in-text citations
and referencing are found in the Publication Manual of the American Psychological
Association, 6th Edition or at http://owl.english.purdue.edu/owl/resource/560/01/.
To help manage citations and seamlessly create reference lists, Mason supports free software called Zotero at [https://www.zotero.org/](https://www.zotero.org/). This program offers: Centralized bibliography management, ability to sync across computers, ability for teams to combine contributions to the references, and word plug-in that allows citation management within MS word.

George Mason University has a writing center that can help you improve your English writing skills. More information is available at [http://writingcenter.gmu.edu/](http://writingcenter.gmu.edu/)

**Inclement weather and campus emergencies:**
Information regarding weather-related changes in the University's schedule (e.g., closing or late opening) will be provided on the GMU website and via MasonAlert. Students sign up for the Mason Alert system to provide emergency information of various sorts at [https://alert.gmu.edu](https://alert.gmu.edu). An emergency poster exists in each classroom explaining what to do in the event of crises and that further information about emergency procedures exists on [http://www.gmu.edu/service/cert](http://www.gmu.edu/service/cert).

**Tentative Course Schedule:**

<table>
<thead>
<tr>
<th>Session</th>
<th>Jan 19 – May 4</th>
<th>Lecture 2.5 hours per class</th>
<th>Quiz 30%</th>
<th>Mid 20%</th>
<th>Final 50%</th>
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<tbody>
<tr>
<td>1</td>
<td>1/19/16</td>
<td>Lecture</td>
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<td>1/27/16</td>
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<td>8</td>
<td>3/9/16</td>
<td>Spring Break</td>
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<td>9</td>
<td>3/16/16</td>
<td>Lecture</td>
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<td>3/30/16</td>
<td>Lecture and Mid-Term</td>
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<td>12</td>
<td>4/6/16</td>
<td>Case Reviews, Project Assignment</td>
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<td>13</td>
<td>4/13/16</td>
<td>Project Expectation and Quiz 3</td>
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<td>14</td>
<td>4/20/16</td>
<td>Project Meeting Time</td>
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<td>15</td>
<td>4/27/16</td>
<td>Final Presentations</td>
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<tr>
<td>16</td>
<td>5/4/16</td>
<td>Final Presentations</td>
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</table>
### School of Management Recommendations for Honor Code Violations

**Adopted by the faculty May 2012**

**UG-Freshman Students**

<table>
<thead>
<tr>
<th>Type of Violation</th>
<th>First Offense</th>
<th>Second Offense</th>
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<tr>
<td>Plagiarism—failure to cite/attribute sources</td>
<td>A zero on the assignment; multiple visits to the Writing Center required; and Academic Integrity Seminar Attendance</td>
<td>An F in the class; multiple visits to the Writing Center required; and Academic Integrity Seminar Attendance</td>
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<td>A zero on the assignment; multiple visits to the Writing Center required; and Academic Integrity Seminar Attendance</td>
<td>An F in the class; multiple visits to the Writing Center required; Academic Integrity Seminar Attendance (at times of hearing and reenrollment if relevant); dismissal from the program; and possible suspension or expulsion</td>
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<td>Cheating on an assignment, homework, class participation, or minor project</td>
<td>An F in the class; and Academic Integrity Seminar Attendance</td>
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<td>Cheating on a major project, test, or exam</td>
<td>An F in the class; and Academic Integrity Seminar Attendance</td>
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<td>Egregious Violation [e.g., stealing an exam; submitting coursework from another class as original work; lying to an employer about academic performance]</td>
<td>An F in the Class; Academic Integrity Seminar Attendance; dismissal from the program; and at least one semester suspension</td>
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