

# DePaul University | Jarvis College of Computing and Digital Media

## IS 344 • IT Auditing: Course Syllabus – Spring 2023-24

<b>Mr. LeRoy Foster</b>	<b>E-mail:</b> <a href="mailto:lfoster@depaul.edu">lfoster@depaul.edu</a>
IS 344 Section 901 – Class number: 32826 (In class) IS 344 Section 910 – Class number: 32853 (Online)	<b>Office hours:</b> <i>By appointment (preferred)</i> Monday → 4:45 – 5:45 PM, Location - Online

### Course Description:

Management and boards continue to recognize the importance of effectively managing information technology (IT) assets — to meet business objectives and to manage IT-related business risks thoughtfully. This course examines the key principles of auditing information technology processes and related controls. It is designed to meet the increasing needs of audit, compliance, security, and risk management professionals.

### Course Objectives for Undergraduate Students:

Through the application of COBIT® 5 and other similar governance frameworks, students will develop a common vocabulary for understanding sources of IT risk and perform an IT audit. Students will gain hands-on experience analyzing and assessing IT risks and controls through various case studies, lectures, and discussions.

The primary objectives of the course are to:

- Establish an understanding of the IT environment and the role of the IT auditor,
- Recognize how corporate and IT governance practices impact the IT audit process,
- Develop an understanding of the IT audit process i.e., risk assessment, planning, standards, guidelines, and best practices, and

This course is aligned with the structure of the IT Audit Fundamentals Study Guide.

- Module 1: The Audit Function
- Module 2: Controls, Risk and Audit
- Module 3: Performing an Audit
- Module 4: IT Environment and Components
- Module 5: Specific Audit Subjects
- Module 6: Newer Technologies

### Course Resources:

**Required Textbook:** This course is aligned with the structure of the IT Audit Fundamentals Study Guide.

**Optional Textbook:** *Information ISACA CISA Review Manual, 27th Edition*  
**ISBN-9781604207675**

**Some other course materials will be available in D2L.**

Students are encouraged to join ISACA as a student member. It is inexpensive (reportedly \$25) relative to textbooks and courses. Go to <http://www.isaca.org/Membership/Student-Membership/Pages/Student-Membership-Information.aspx>. This will allow you to download free COBIT 5 and other useful (but not required) materials.

### Academic Integrity:

This course will be subject to the Academic Integrity Policy passed by the Faculty Council. Work done for this course must adhere to the DePaul University Academic Integrity Policy, which you can review in the Student Handbook or by visiting Academic Integrity at DePaul University (<http://academicintegrity.depaul.edu>).

# DePaul University | Jarvis College of Computing and Digital Media

## IS 344 ▪ IT Auditing: Course Syllabus – Spring 2023-24

### Communications:

Class lecture, D2L and email will be the primary means of communication. Students must monitor classroom communications and promptly and actively convey any questions.

### Grading Breakdown:

Grade Item	Percentage	Point Allocation
Homework Assignments (2 at 100 pts. each)	30%	200 points
Quizzes (3 @ 60pts)	30%	180 points
Final Exam ( <i>details to be announced</i> )	30%	100 points
Participation – in class or via online communication ( <i>details to be announced</i> )	10%	20 points
<b>Total</b>	<b>100%</b>	<b>500 points</b>

### Grading Scale:

Grade	Percentage	Grade	Percentage	Grade	Percentage
A	93% – 100%	B–	80% – 82%	D+	67% – 69%
A–	90% – 92%	C+	77% – 79%	D	60% – 66%
B+	87% – 89%	C	73% – 76%	F	Less than 60%
B	83% – 86%	C–	70% – 72%		

### Participation:

Students must actively participate either in class or via online communication for online students. More information on this topic will be provided on the first day of class.

### Homework, Quizzes or Exams:

Subject to pre-approval, only students granted an *official excused absence* can make up a missed homework, quiz, or examination. Any uncoordinated, unexcused missed exam, quiz, or homework assignment will result in a score of -0-.

### Tentative Course Calendar (subject to change):

Week	Topics	Due Dates
<b>1</b> April 4	Module 1 – The Audit Function	
<b>2</b> April 11	Module 2 – Controls, Risk and Audit	
<b>3</b> April 18	Module 3: Performing an Audit	Quiz #1
<b>4</b> April 25	Module 3: Performing an Audit (Cont.)	Homework #1(a) Tableau Audit Compliance Dashboard

# DePaul University | Jarvis College of Computing and Digital Media

## IS 344 • IT Auditing: Course Syllabus – Spring 2023-24

<b>5</b> May 2	Module 4: IT Environment and Components	Quiz #2
<b>6</b> May 9	Module 4: IT Environment and Components (Cont.)	*Homework #1(b) Tableau Audit Compliance Dashboard
<b>7</b> May 16	Module 5: Specific Audit Subjects	
<b>8</b> May 23	Module 6: Newer Technologies	Quiz #3
<b>9</b> May 30	Module 6: Newer Technologies (Cont.)	*Homework #2 Expenses Audit Dashboard
<b>10</b> June 6	Final Week (Final Exam)	Details are to be announced online.

### Please note:

*\* Additional course resources may be introduced/changed throughout the semester. Students must actively monitor classroom communications for changes to the reading assignments, homework assignments, or course calendar.*

## Other Important Course Policies

**Changes to Syllabus** – This syllabus will change as necessary during the quarter. If a change occurs, it will be addressed during class and posted in D2L.

**Online Course Evaluations** – Instructor and course evaluations provide valuable feedback that can improve teaching and learning. As students, you are uniquely positioned to view the instructor over time. Your comments about what works and what can't help faculty build on the elements of the course that are strong and improve those that are weak. Isolated comments from students and instructors' peers may also be helpful, but evaluation results based on high response rates may be statistically reliable (believable). As you experience this course and material, consider how your learning is impacted. Your honest opinions about your experience and commitment to the course and your knowledge may help improve some course components for the next group of students. Positive comments also show the department chairs and college deans the commitment of instructors to the university, and teaching evaluation results are one component used in annual performance reviews (including salary raises and promotion/tenure). Evaluating the instructor and course allows you to make your voice heard on an important issue – the quality of teaching at DePaul. Don't miss this opportunity to provide feedback!

**Withdrawal** – Students who withdraw from the course use the Campus Connection system (<http://campusconnect.depaul.edu>). Withdrawals processed via this system are effective the day they are made. Simply ceasing to attend, notifying the instructor, or nonpayment of tuition does not constitute an official withdrawal from class and will result in academic and financial penalties.

**Retroactive Withdrawal** – This policy assists students whose extenuating circumstances prevented them from meeting the withdrawal deadline. During their college career, students may be allowed one medical/personal administrative withdrawal and one college office administrative withdrawal, each for one or more courses in a single term. Repeated requests will not be considered. Submitting an appeal for retroactive withdrawal does not guarantee approval. College office appeals for CDM students must be submitted online via MyCDM. The deadlines for submitting appeals are as follows:

# DePaul University | Jarvis College of Computing and Digital Media

## IS 344 • IT Auditing: Course Syllabus – Spring 2023-24

- Autumn Quarter: Last day of the last final exam of the subsequent winter quarter
- Winter Quarter: Last day of the last final exam of the subsequent spring quarter
- Spring Quarter: Last day of the last final exam of the subsequent autumn quarter
- Summer Terms: Last day of the last final exam of the subsequent autumn quarter

**Excused Absence** – To petition for an excused absence, students who miss class due to illness or significant personal circumstances should complete the Absence Notification process through the Dean of Students office. The form can be accessed at <http://studentaffairs.depaul.edu/dos/forms.html>. Students must submit supporting documentation alongside the form. The professor reserves the sole right to offer an excused absence and academic accommodations for an excused absence.

**Incomplete** – An incomplete grade is a unique, temporary grade that may be assigned by an instructor when unforeseeable circumstances prevent a student from completing course requirements by the end of the term and when otherwise, the student had a record of satisfactory progress in the course. CDM policy requires the student to initiate the request for an incomplete grade before the end of the term in which the course is taken. Before submitting the incomplete request, the student must discuss the circumstances with the instructor. Students may initiate the incomplete request process in MyCDM.

- All incomplete requests must be approved by the instructor of the course and a CDM Associate Dean. Only exceptional cases will receive such approval.
- If approved, students must complete all remaining course requirements independently in consultation with the instructor on the incomplete request form by the deadline.
- By default, an incomplete grade will automatically change to a grade of F after two quarters have elapsed (excluding summer) unless the instructor records another grade.
- An incomplete grade does NOT grant the student permission to attend the same course in a future quarter.

**Students with Disabilities** – Students who feel they may need accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential. To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at:

Student Center, LPC, Suite #370  
Phone number: (773) 325.1677.  
Fax: (773) 325.3720  
TTY: (773) 325.7296

**Writing Center** – *Need help with writing?* This course will require the completion of several writing assignments as part of the homework assignments and final examination. The Writing Center provides free assistance to all DePaul University community members. Please click this link for more information: <http://condor.depaul.edu/writing/instructors/syllabus.html>.

**Academic Calendar** – Please refer to the following link for important dates, including the date you can drop out of this class. <http://www.depaul.edu/university-catalog/academic-handbooks/graduate/university-information/Pages/academic-calendar.aspx>