ACCG3058

Information Systems Audit and Assurance

Session 1, Weekday attendance, North Ryde 2020

Department of Accounting & Corporate Governance

Contents

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General Information

Unit convenor and teaching staff
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Moderator
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Credit points
10

Prerequisites
ACCG250 or ACCG2050

Corequisites

Co-badged status

Unit description
This unit further develops an understanding of internal and operational controls as well as knowledge of the organisation as it relates to information systems (IS) audit and assurance. Students will examine the risks associated with information systems using frameworks that provide professional standards, guidelines, tools and techniques for IS audit and control. The risk-based approach to IS audit is developed so that students have an understanding of inherent risks, control risks and detection risks. Students will be exposed to computer auditing tools and techniques that both directly and indirectly examine the internal logic of an organisation's applications. In this unit students develop graduate capabilities in a range of areas, including: critical analysis skills in information management and analysis; problem-solving skills in sourcing and identifying relevant information and interpreting output in a multidisciplinary environment; and communication and negotiation skills.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Evaluate and demonstrate the importance of Information Systems Audit for Information Systems Governance for organisations

ULO2: Assess Information Systems risks and controls and their implications for organisations.

ULO3: Explain how Information Systems audit objectives provide effective Information Systems Governance

ULO4: Evaluate and explain Information Systems audit tools and techniques.

ULO5: Construct a critical synthesised evaluation of and response to Information Systems audit risk assessments.

Assessment Tasks

Coronavirus (COVID-19) Update

Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.

Students should consult iLearn for revised unit information.

Find out more about the Coronavirus (COVID-19) and potential impacts on staff and students

General Assessment Information

Assessed Coursework Due: In class - 3 random weeks Weighting: 30%

Submission • Each activity must be undertaken in the timeframe allocated during the tutorials and must be submitted at the end of tutorial by each student. Each activity is worth 10%. There will be 3 in-class tasks for this assessment during 3 random weeks of the semester (between weeks 3 to 12). • The task will take the form of a group discussion (5-6 students per group) followed by each student completing the assessment task individually.

Extension • No extensions will be granted. Students that have not submitted the task prior to the deadline will be awarded a mark of 0 for the task, except for cases in which an application for special consideration is made and approved. Please refer to https://staff.mq.edu.au/work/ strategy-planning-and-governance/university-policiesand- procedures/policies/special-consideration

Late penalty • Not applicable

On successful completion you will be able to: • Evaluate and demonstrate the importance of Information Systems Audit for Information Systems Governance for organisations. • Assess Information Systems risks and controls and their implications for organisations. • Explain how Information Systems audit objectives provide effective Information Systems Governance • Evaluate and explain Information Systems audit tools and techniques. • Construct a critical synthesised evaluation of and response to Information Systems audit risk assessments

Case study -– IS audit report Due: Week 7 Weighting: 30% Students are required to prepare an Information Systems audit report. Full details of the assignment (assignment objectives, question material, requirements, etc) will be made available through the unit's website.

Submission • Students will need to upload their assignment to http://ilearn.mq.edu.au (Turn-it-in) by 11:59 p.m. on Thursday 9th April (week 7). Otherwise your assignment will be considered late. Late assignment will also be submitted via Turn-it-in.

Extension • No extensions will be granted. Students who have not submitted the task prior to the deadline will be awarded a mark of 0 for the task, except for cases in which an application for special consideration is made and approved. Please refer to https://staff.mq.edu.au/work/ strategy-planning-and-governance/university-policiesand- procedures/policies/special-consideration

Late Penalty • Late tasks will be accepted up to 72* hours after the submission deadline. There will be a deduction of 20%* of the total available marks made from the total awarded mark for each 24 hour period or part thereof that the submission is late (for example, 25 hours late in submission – 40% penalty). This penalty does not apply for cases in which an application for special consideration is made and approved.

On successful completion you will be able to: • Evaluate and demonstrate the importance of Information Systems Audit for Information Systems Governance for organisations. • Assess Information Systems risks and controls and their implications for organisations. • Explain how Information Systems audit objectives provide effective Information Systems Governance • Evaluate and explain Information Systems audit tools and techniques. • Construct a critical synthesised evaluation of and response to Information Systems audit risk assessments

Final Examination Due: Formal examination period Weighting: 40% A final examination is included as an assessment task for this unit to provide assurance that: 1. The product belongs to the student and; 2. The student has attained the knowledge and skills tested in the exam. The final examination for this unit will be held during the university examination period. The final exam assesses students' critical thinking capabilities as well as the ability to apply their knowledge of accounting and information systems to examples of real world problems and cases. You are expected to present yourself for examination at the time and place designated in the university examination timetable. The timetable will be available in draft form approximately eight weeks before the commencement of examinations and in final form approximately four weeks before the commencement of examinations. http://www.timetables.mq.edu.au/exam Further details about the final exam for the subject will be made available in the final week of lectures.

If a Supplementary Examination is granted as a result of the special consideration process, the examination will be scheduled as per the Supplementary Examination timetable of the Faculty. Please note that the supplementary examination will be of a similar format as the final examination. Please refer to https://staff.mq.edu.au/work/ strategy-planning-and-governance/university-policies-and-procedures/policies/specialconsideration

On successful completion you will be able to: • Evaluate and demonstrate the importance of Information Systems Audit for Information Systems Governance for organisations. • Assess

Information Systems risks and controls and their implications for organisations. • Explain how Information Systems audit objectives provide effective Information Systems Governance • Evaluate and explain Information Systems audit tools and techniques.

Delivery and Resources

Coronavirus (COVID-19) Update

Any references to on-campus delivery below may no longer be relevant due to COVID-19.

Please check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

Face to face hours

This unit will be taught in the form of weekly lectures and tutorials. Students are required to enrol in one lecture (1.5 hours of face to face teaching) and one tutorial (1.5 hours of face to face teaching) for this unit. Please check the timetable at http://timetables.mq.edu.au.The teaching strategies are outlined below:

Lectures

A 1.5 hour lecture will be one time a week. Students need to download their lecture slides from iLearn prior to attending the lecture. It is expected that students complete their prescribed reading for the week prior to attending the lecture.

Tutorial attendance

·   Students are required to enrol in tutorials online. Tutorials enrolment will be closed after the first week of semester. There is no change after this deadline. It is important that you attend the tutorial that you are enrolled in. If you attend the tutorial that you are not enrolled in, it will not be counted toward the attendance record, with an exception of tutorials held on the week of public holidays.

·   Any changes to tutorials must be made through e-student. You have to finalise your classes by the end of week 2 after which changes are no longer possible.

·   No exception for tutorial attendances and late assignments will be granted for students who are enrolled late in this subject.

·   Your attendance may not be marked if you arrive more than 15 minutes late to your tutorials, unless there is an appropriate reason provided to your tutors.

Textbook

You will require access to the following textbook:

•Hall, James A. (2016), *Information Technology Auditing, International Edition 4e,* South-Western Cengage Learning (ISBN: 9781133949886)

Or E-book: ISBN 9781305985384

Copies of the textbook can be purchased from the Co-Op bookstore on campus.

Technology used

iLearn: This unit will use iLearn as an online technology for students to access course material, announcements as well as any other documents related to this unit. Students are required to regularly check the iLearn for accessing up-to-dated information about the unit.

Echo is a multi-media learning tool that provides an audio of the lectures which students can download and listen to at their convenience. Echo will be made available at the end of each week via the unit's website (iLearn).

Expectations and Workload

Students are expected to spend 150 hours working on this unit. As a guide a student should spend these approximate amounts of time on each of the following activities:

	Activities	Hours
1	Assessed Coursework	40
2	Information Systems audit Report	40
4	Readings/self-study/Final Exam Preparation	70
	Total	**150**

Unit Schedule

Coronavirus (COVID-19) Update

The unit schedule/topics and any references to on-campus delivery below may no longer be relevant due to COVID-19. Please consult iLearn for latest details, and check here for updated delivery information: https://ask.mq.edu.au/account/pub/display/unit_status

Week	Topic	Readings
1	Auditing and Internal Control	Chapter 1
2	Auditing IT Governance Controls	Chapter 2

3	Auditing Operating Systems and Networks	Chapter 3
4	Auditing Databases Systems	Chapter 4
5	Auditing Systems Development and Program Change Activities	Chapter 5
6	Transaction Processing and Financial Reporting Systems Overview	Chapter 6
7	Computer-Assisted Audit Tool and Techniques	Chapter 7
8	Data Structures and CAATs for Data Extraction	Chapter 8
9	Auditing the Revenue Cycle	Chapter 9
10	Auditing the Expenditure Cycle	Chapter 10
11	Enterprise Resource Planning Systems	Chapter 11
12	Business Ethics, Fraud and Fraud Detection	Chapter 12
13	Revision	

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy *(**Note:** The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)*

Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/study/getting-started/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise
- Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy.

The policy applies to all who connect to the MQ network including students.

Changes since First Published

Date	Description
23/02/2020	Dear Rahat, I have made a change to the submission date of the case study which is worth 30% of the total assessment. Now the new date is 9th April which is in Week 7 of the session. The previous date was 17th April which is during semester break. I did not have access to the MQBS academic calendar when I specified that date. Thank you for your continuous support. Regards, Bazara