ACCT 7016 INFORMATION SYSTEMS FOR ACCOUNTANTS

Credit Points 10

Legacy Code 200399

Coordinator Daniel Yeung (https://directory.westernsydney.edu.au/search/name/Daniel Yeung/)

Description Information Systems for Accountants develops a student's knowledge of integrated systems, information security, compliance management and business intelligence within organisational frameworks. Students will apply data analytics, risk assessment, and control design through a practical project. The use of data science tools and processes to aid in the analysis of an accounting information system. The curriculum ensures students are well-prepared to navigate the complexities of designing and managing sophisticated accounting information systems across diverse organisational landscapes.

School Business

Discipline Accounting

Student Contribution Band HECS Band 4 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Co-requisite(s) ACCT 7018

Restrictions

Students wishing to enrol in this subject as an elective must gain approval from an Academic program Advisor (Accounting) and must be enrolled in a postgraduate Business program.

Learning Outcomes

On successful completion of this subject, students should be able to:

- Critically evaluate an existing accounting information system, the
 effectiveness of its internal controls, and its ability to provide a level
 of information security that meets decision-makers information
 needs.
- Utilise data science tools to model different business scenarios, collect, process, and present information cost-effectively to enhance operations and support reporting requirements of an organisation.
- Apply data science to extract information from internal and external data sources
- Analyse business intelligence and information visualisation techniques to provide useful insights to decision-makers.

Subject Content

- 1. Documenting Accounting Information Systems.
- 2. Systems Development Activities.
- 3. Database Management Systems and relational data model.
- 4. Controlling Accounting Information Systems.
- 5. Accounting Information Systems applications.

- 6. Business Intelligence and Sustainability Reporting.
- 7. Emerging Technology and Data Analytics.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Туре	Length	Percent	Threshold	Individual/ Group Task	•
Essay	2,000 words	20	N	Individual	N
Profession Task	a1 hour per week	30	N	Group/ Individual	N
Final Exam	2 hours	50	Υ	Individual	Υ

Prescribed Texts

 Richardson, Chang and Smith (2024), Accounting Information Systems 4th Edn, McGraw-Hill Education New York. ISBN10: 1264444842 | ISBN13: 9781264444847

Teaching Periods

Quarter 2 (2025)

Parramatta City - Macquarie St

On-site

Subject Contact Daniel Yeung (https://directory.westernsydney.edu.au/search/name/Daniel Yeung/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT7016_25-Q2_PC_1#subjects)

Quarter 4 (2025)

Parramatta City - Macquarie St

On-site

Subject Contact Daniel Yeung (https://directory.westernsydney.edu.au/search/name/Daniel Yeung/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT7016_25-Q4_PC_1#subjects)

Sydney City Campus Quarter 4 (2025) Sydney City

On-site

Subject Contact Neelam Goela (https:// directory.westernsydney.edu.au/search/name/Neelam Goela/)