

ACCT 3001 ACCOUNTING INFORMATION SYSTEMS

Credit Points 10

Legacy Code 200534

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

Description This subject considers the design and implementation of accounting information systems as a data model for resource allocation and management of an organisation. Students are involved in a range of activities to build the knowledge and skills in this growing area including identifying current trends in information management and the changing regulatory requirements. Students learn to use a range of tools for the presentation of data and conceptual models, and articulate the value of information, business intelligence, and information security.

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 Undergraduate Level 3 subject

Pre-requisite(s) FINC 1001 or ACCT 1010

Equivalent Subjects ACCT 3010 Issues in Accounting Information Systems

Assumed Knowledge

Basic financial and management accounting fundamentals, including use of spreadsheets in accounting and the use of a computerised accounting package.

Learning Outcomes

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

1. Analyse the design of accounting information systems, enterprise resource planning systems, and business processes.
2. Identify organisational risk and internal control issues, cyber security issues and requirements for monitoring and auditing accounting information systems.
3. Develop conceptual models of organisational relationships demonstrating knowledge of business processes and information flows in an organisation.
4. Use a range of tools for data analysis, presentation and to implement the conceptual models of information systems
5. Examine the potential impact of new and emerging technologies on accounting information systems
6. Apply professional ethics, problem solving, and communication skills involved in working with accounting information systems

Subject Content

1. Introduction to accounting information systems and enterprise resource planning systems
2. Accounting database and database theory
3. Internal control and enterprise risk management

4. Information security and computer fraud
5. Business process modelling and Intelligence decision making model
6. Accounting systems development and documentation
7. Business value of information and intelligent business reporting (XBRL)
8. Emerging technologies: Blockchain, artificial Intelligence
9. Big data 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.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Participation	1 hour per week	10	N	Individual	Y
Quiz	1 hour	20	N	Individual	Y
Professional Task	Computer assignment (on MS Access) using Pearson's ITLab, should be completed during the practical term	20	N	Individual	Y
Final Exam	2 hours	50	Y	Individual	Y

Prescribed Texts

- Romney et al. (2024), Accounting Information Systems, 16th Edition, Pearson.

Teaching Periods

WSU Online TRI-1 (2025)

Wsu Online

Online

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

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT3001_25-OT1_OW_2#subjects)

Spring (2025)

Bankstown City

On-site

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Campbelltown

On-site

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT3001_25-SPR_CA_1#subjects)

Parramatta City - Macquarie St

On-site

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT3001_25-SPR_PC_1#subjects)

WSU Online TRI-3 (2025)

Wsu Online

Online

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT3001_25-OT3_OW_2#subjects)

Sydney City Campus - Term 3 (2025)

Sydney City

On-site

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

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=ACCT3001_25-SC3_SC_1#subjects)