INFS 3006 EMERGING TRENDS IN INFORMATION SYSTEMS

Credit Points 10

Legacy Code 300584

Coordinator Ana Hol (https://directory.westernsydney.edu.au/search/name/Ana Hol/)

Description This subject provides a means for students to self-reflect on their career and explore the changing nature of information systems in organisations via one of the following: engagements with local businesses, specifically crafted study tours or focused internships. Students will study the role that emerging technologies play in selection, design and development of information systems including business intelligent systems. Students will be able to research, assess and apply new technologies while networking and engaging with real life businesses, as well as develop and introduce effective strategies for achieving change and improvement that can be delivered by successfully implementing emerging technologies.

School Computer, Data & Math Sciences

Discipline Information Systems

Student Contribution Band HECS Band 2 10cp

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

Level Undergraduate Level 3 subject

Restrictions

Successful completion of 140 credit points

Learning Outcomes

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

1. Review and analyse current and emerging trends in information systems technologies, including implementation challenges and future impacts on individuals, organizations, and society.
2. Analyse business requirements and develop plans for information systems applications, with attention to stakeholder engagement.
3. Examine and evaluate the roles and suitability of business intelligence and data mining strategies for information systems applications.
4. Assess organisational readiness for new technologies with a user-centred approach.
5. Examine and evaluate collaborative information systems technologies and applications.
6. Analyse the ethical and social implications of information systems technologies, considering their effects on diverse communities.
7. Develop skills for applying information systems strategies in future career settings, incorporating project management, design thinking and change management techniques.
8. Review, analyse, and summarise current literature in selected information systems topics, including research on emerging trends and innovations.

Subject Content

- Introduction to emerging information systems technologies
- Challenges in information systems implementation
- Ethical, legal, and social implications of information systems
- Transforming organisations through information systems: business models, measuring effectiveness and strategies
- Business intelligence and data mining
- Artificial Intelligence in information systems
- Information systems applications and system integration
- Organisational information systems issues and job readiness
- Collaborative information systems technologies

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
Critical Review	2000 words	30	N	Individual	N
Presentation	15 minutes	30	N	Group	N
Applied Project	3-5 min video and 1A4 PowerPoint Page	40	N	Individual	N

Teaching Periods

Autumn (2025)
Parramatta - Victoria Rd
On-site
Subject Contact Ana Hol (https://directory.westernsydney.edu.au/search/name/Ana Hol/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFS3006_25-AUT_PS_1#subjects)

Sydney City Campus - Term 2 (2025)
Sydney City
On-site
Subject Contact Antoinette Cevenini (https://directory.westernsydney.edu.au/search/name/Antoinette Cevenini/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFS3006_25-SC2_SC_1#subjects)