

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/](https://directory.westernsydney.edu.au/search/name/Ana%20Hol/))

Description This subject provides a means for students to self-reflect on their future career and their possible involvement in the field of Information Systems 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. In this subject students will study the role that emerging technologies play in selection, design and development of information systems. Students will be able to research and assess 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 HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

Pre-requisite(s) INFS 1002 AND COMP 2020

Learning Outcomes

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

1. Review and analyse current and emerging trends in Information System technologies as well as implementation challenges;
2. Analyse requirements and develop plans for IS applications and integration of systems;
3. Examine the roles and suitability of developing business intelligence and data mining strategies for IS applications;
4. Identify issues related to IS in organisations;
5. Examine and evaluate collaborative IS technologies and applications;
6. Develop a set of skills for applying strategies in future career settings;
7. Review, analyse and summarise current literature in selected topic areas in ICT discipline.

Subject Content

- Current and emerging technologies and implementation challenges;
- Planning for system integration, changes and integrations;
- Factors relating to business intelligence, big data, web mining, and utilisation of sensor technologies;
- Personalisation of IS applications;
- Transforming organisations through IS: business models, measuring effectiveness and strategies;

- Globalisation of the IS business environment;
- Contemporary issues in IS: legal, ethical, social, regulatory, security;
- Emerging trends in eTransformation and eCollaboration;
- job readiness.

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

Teaching Periods

Autumn (2022)

Parramatta - Victoria Rd

Day

Subject Contact Ana Hol ([https://directory.westernsydney.edu.au/search/name/Ana Hol/](https://directory.westernsydney.edu.au/search/name/Ana%20Hol/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFS3006_22-AUT_PS_D#subjects)

Sydney City Campus - Term 2 (2022)

Sydney City

Day

Subject Contact Antoinette Cevenini ([https://directory.westernsydney.edu.au/search/name/Antoinette Cevenini/](https://directory.westernsydney.edu.au/search/name/Antoinette%20Cevenini/))

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFS3006_22-SC2_SC_D#subjects)

Autumn (2023)

Parramatta - Victoria Rd

On-site

Subject Contact Ana Hol ([https://directory.westernsydney.edu.au/search/name/Ana Hol/](https://directory.westernsydney.edu.au/search/name/Ana%20Hol/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFS3006_23-AUT_PS_1#subjects)

Sydney City Campus - Term 2 (2023)

Sydney City

On-site

Subject Contact Antoinette Cevenini ([https://directory.westernsydney.edu.au/search/name/Antoinette Cevenini/](https://directory.westernsydney.edu.au/search/name/Antoinette%20Cevenini/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFS3006_23-SC2_SC_1#subjects)