INFS 3007 EMERGING TRENDS IN INFORMATION SYSTEMS (ADVANCED)

Credit Points 10

Legacy Code 300942

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 future career and their possible involvement in the field of Information Systems. In this advanced subject students will be required to undertake an individual but closely supervised research project. Students will 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. In addition, students in this subject will be required to present their findings in a form of an academic paper with a possibility of publishing.

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

Incompatible Subjects INFS 3006 - Emerging Trends in Information Systems

Restrictions

Students must be enrolled in 2801 Bachelor of Information Systems Advanced/Bachelor of Laws; 3688 Bachelor of Information Systems Advanced or 3745 Bachelor of Information Systems Advanced/Bachelor of Business.

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;
8. Identify research gaps and propose research questions;
9. Conduct the research investigation and develop a research output (ie. framework, model, method, system);

Subject Content

- Current and emerging technologies and implementation challenges;
- Planning for system integration: enterprise resource planning systems, supply chain management systems, customer relationship management systems;
- Factors relating to business intelligence, data and web mining for IS;
- Personalisation of IS applications;
- Transforming organisations through IS: business models, measuring effectiveness and strategies;
- eCollaboration technologies and applications;
- Globalisation of the IS business environment;
- Contemporary issues in IS: legal, ethical, social, regulatory, security;
- Emerging trends in eTransformation and eCollaboration;
- Research strategies, literature review, identification of research gaps and the proposal of research questions;
- Individual project supervision and time management;

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
Portfolio	15 minutes	30	N	Individual
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/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFS3007_22-AUT_PS_D#subjects)

Autumn (2023)
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=INFS3007_23-AUT_PS_1#subjects)