COMP 3038 PROFESSIONAL ICT INTERNSHIP

Credit Points 30

Description Students will undertake a six month placement in a large IT infrastructure organisation where they actively engage with large-scale capital works projects. Students develop skills in the practical development of enterprise solutions and architectures, such as the infrastructure development for the Western Sydney airport. During their placement students will be mentored by the professional staff and incorporated into the client team at their placement venue. This integration into the client team will allow students to utilise and further develop skills in cloud computing, software development, DevOps and business operations in addition to providing them with valuable career contacts and contexts.

School Computer, Data & Math Sciences

Student Contribution Band HECS Band 2 30cp

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

Level Undergraduate Level 3 subject

Co-requisite(s) MATH 1006
COMP 2029
COMP 3036
COMP 3012
INFO 5001

Learning Outcomes

After successful completion of this Unit, students will be able to:

1. Apply modern IT thinking and strategy
2. Develop long term strategies for customers, and organisations
3. Design and develop processes for customers within IT frameworks
4. Apply appropriate strategies, technologies and architectures to customer problems
5. Communicate to customers, managers and senior staff members
6. Develop an understanding of large scale IT workplace and how they operate

Subject Content

- DevOps
- Quality Assurance Procedures
- Risk Management procedures
- Systems Development
- Workflows
- Cloud Systems
- Cloud Security
- Project Management
- Client and Customer Communication and Negotiation strategies
- Success Assessment

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
Portfolio	5000 words	50	N	Individual	N
Reflection	3000 words	20	N	Individual	N
Viva Voce	1 hour	30	N	Individual	Y