COMP 3019 PROFESSIONAL EXPERIENCE (ADVANCED)

Credit Points 10

Legacy Code 300900

Coordinator Rhys Tague (https://directory.westernsydney.edu.au/search/name/Rhys Tague/)

Description Professional Experience (Advanced) is a final year 'capstone' work-placement unit. This advanced unit provides the opportunity for students to gain hands-on experience in software systems requirements definition, analysis, design, implementation and project management, in an external organisation under the supervision of industry experts. During the work placement students work in a real-life project applying the theories and technical skills learned in previous units in an industry setting. Students are allowed to propose a work-placement of their choice within an external organisation. School will assess the suggested work-placement for its suitability in meeting the set unit outcomes, prior to approval.

School Computer, Data & Math Sciences

Discipline Programming

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 2001 OR
INFS 2002 AND
COMP 2020 AND
INFO 3008

Incompatible Subjects LGYA 5744 Computing Project 2 INFO 3005 IT Support Practicum

Restrictions This subject is not an open elective. Permission is required to enrol in this subject for students not in programs 3684 Bachelor of Information and Communications Technology (Advanced); 3688 Bachelor of Information Systems Advanced or 2801 Bachelor of Information Systems Advanced/Bachelor of Laws. Students must be enrolled in any of the SCEM undergraduate computing degrees and must have a program GPA of 5.0 or more and be chosen as a suitable candidate for work placement by the pre-enrolment selection process.

Assumed Knowledge

Software development methodologies; Software analysis and design modelling tools and techniques; Programming languages; Implementing databases management systems; Software construction and testing; System documentation; Project Management.

Learning Outcomes

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

1. Contribute to software development/implementation projects in the industry covering all phases of SDLC.
2. Participate in creating professional level documentation as needed in a project.
3. Relate and apply academic theory to project activities and the general work environment.
4. Discover, investigate and self-learn technologies needed for the completion of project activities
5. Follow work practices and explain aspects related to professional code of conduct in the ICT profession.
6. Identify additional work-related skills acquired through work placement.
7. Reflect upon and critically evaluate their learning from the work placement.
8. Communicate orally and in writing with team members, supervisors, and mentors; also present outcomes to a professional panel and stakeholders.
9. Identify additional work related skills acquired through work placement, which may not have been covered through course studies
10. Reflect and critically evaluate their learning from the work placement.
11. Communicate orally and in writing with team members, supervisors, and mentors; and also present outcomes to a professional panel and stakeholders.

Subject Content

- participate in planning and Monitoring in Project activities.
- contribute to Preparing system documentation.
- work collaboratively with A group of professionals in achieving defined Project goals.
- manage Issues that may arise when Working in A team environment.
- Follow guidance and suggestions given by industry supervisors and Fellow team members of The work placement organisation and academic supervisors within university.
- Be self-directed and work independently managing one's self and time, to complete the activities assigned on time, under pressure and various other constraints present in a work environment.
- effectively communicate orally and in writing with team members, supervisors, mentors and present outcomes to A professional panel and stakeholders.
- learn from The experts and Adapt to The needs of The work environment.

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.

Item	Length	Percent	Threshold	Individual/ Group Task
Interview	approximately 2,000 words total	20	N	Individual
Portfolio	approximately 2,500 words	50	N	Individual
Presentation	Presentation 1= 15 minutes, Presentation 2= 20 minutes	30	N	Individual

Teaching Periods

Autumn
Campbelltown
Day
Subject Contact Anupama Ginige (https://directory.westernsydney.edu.au/search/name/Anupama Ginige/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_22-AUT_CA_D#subjects)

Penrith (Kingswood)
Day
Subject Contact Anupama Ginige (https://directory.westernsydney.edu.au/search/name/Anupama Ginige/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_22-AUT_KW_D#subjects)

Parramatta - Victoria Rd
Evening
Subject Contact Anupama Ginige (https://directory.westernsydney.edu.au/search/name/Anupama Ginige/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_22-AUT_PS_E#subjects)

Spring
Campbelltown
Day
Subject Contact Rhys Tague (https://directory.westernsydney.edu.au/search/name/Rhys Tague/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_22-SPR_CA_D#subjects)

Penrith (Kingswood)
Day
Subject Contact Rhys Tague (https://directory.westernsydney.edu.au/search/name/Rhys Tague/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_22-SPR_KW_D#subjects)

Parramatta - Victoria Rd
Day
Subject Contact Rhys Tague (https://directory.westernsydney.edu.au/search/name/Rhys Tague/)

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