

# COMP 3019 PROFESSIONAL EXPERIENCE (ADVANCED)

**Credit Points** 10

**Legacy Code** 300900

**Coordinator** Rhys Tague ([https://directory.westernsydney.edu.au/search/name/Rhys Tague/](https://directory.westernsydney.edu.au/search/name/Rhys%20Tague/))

**Description** Professional Experience (Advanced) is a final year 'capstone' work-placement subject. This advanced subject 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 project applying the theories and technical skills learned in previous subjects in an industry setting. Students may propose a work-placement of their choice within an external organisation. All placement proposals will be assessed for suitability in meeting the set subject outcomes and approval must be granted prior to commencement.

**School** Computer, Data & Math Sciences

**Discipline** Programming

**Student Contribution Band** HECS Band 2 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Pre-requisite(s)** Students in the Bachelor of Information and Communications Technology (Advanced) and associated double degrees with BICT (Adv) are required to complete the following subjects

INFS 2002 Database Design and Development (Advanced) AND  
COMP 3028 Software Construction AND  
INFO 3019 Project Management

Students in the Bachelor of Information Systems (Advanced) and associated double degrees with BIS (Adv) are required to complete the following subjects

INFS 3023 Advanced Systems Development Methodologies AND  
INFS 3024 Enterprise Architecture and Design thinking

**Incompatible Subjects** INFO 3005 IT Support Practicum

## Restrictions

This subject is not an open elective. Students must be enrolled in programs:

2801 Bachelor of Information Systems Advanced/Bachelor of Laws  
3684 Bachelor of Information and Communications Technology (Advanced)  
3688 Bachelor of Information Systems Advanced  
3745 Bachelor of Information Systems Advanced/Bachelor of Business

2842 Bachelor of Information Systems Advanced/Bachelor of Laws (Honours)

Students not enrolled in these programs, must have a GPA of 5.0, must be enrolled in an undergraduate computer program 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, mentors and present outcomes to a professional panel and stakeholders.

## Subject Content

1. Participate in planning and monitoring in project activities.
2. Contribute to preparing system documentation.
3. Work collaboratively with a group of professionals in achieving defined project goals.
4. Manage issues that may arise when working in a team environment.
5. Follow guidance and suggestions given by industry supervisors and fellow team members of the work placement organisation and academic supervisors within university.
6. 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.
7. Effectively communicate orally and in writing with team members, supervisors, mentors and present outcomes to a professional panel and stakeholders.
8. 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.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Interview	approximately 2,000 words total	20	N	Individual	Y
Portfolio	approximately 2,500 words	50	N	Individual	Y

Presentation	Presentation	30	N	Individual	Y
	1= 15 minutes, Presentation				
	2= 20 minutes				

Teaching Periods

## Spring (2024)

### Campbelltown

#### On-site

**Subject Contact** Rhys Tague ([https://directory.westernsydney.edu.au/search/name/Rhys Tague/](https://directory.westernsydney.edu.au/search/name/Rhys%20Tague/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=COMP3019\\_24-SPR\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_24-SPR_CA_1#subjects))

### Penrith (Kingswood)

#### On-site

**Subject Contact** Rhys Tague ([https://directory.westernsydney.edu.au/search/name/Rhys Tague/](https://directory.westernsydney.edu.au/search/name/Rhys%20Tague/))

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### Parramatta - Victoria Rd

#### On-site

**Subject Contact** Rhys Tague ([https://directory.westernsydney.edu.au/search/name/Rhys Tague/](https://directory.westernsydney.edu.au/search/name/Rhys%20Tague/))

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## Autumn (2025)

### Campbelltown

#### On-site

**Subject Contact** Anupama Ginige ([https://directory.westernsydney.edu.au/search/name/Anupama Ginige/](https://directory.westernsydney.edu.au/search/name/Anupama%20Ginige/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=COMP3019\\_25-AUT\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=COMP3019_25-AUT_CA_1#subjects))

### Penrith (Kingswood)

#### On-site

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## Spring (2025)

### Campbelltown

#### On-site

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