

# 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 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-life project applying the theories and technical skills learned in previous subjects 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 subject outcomes, prior to approval.

**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)** 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.

## 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
Interview	approximately 20,000 words total	N		Individual
Portfolio	approximately 50,2500 words	N		Individual
Presentation	Presentation 1= 15 minutes, 2= 20 minutes	30	N	Individual

## Teaching Periods

### Autumn (2024)

#### Campbelltown

#### On-site

**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\\_24-AUT\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_24-AUT_CA_1#subjects))

## **Penrith (Kingswood)**

### **On-site**

**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\\_24-AUT\\_KW\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_24-AUT_KW_1#subjects))

## **Parramatta - Victoria Rd**

### **On-site**

**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\\_24-AUT\\_PS\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP3019_24-AUT_PS_1#subjects))

## **Spring (2024)**

### **Campbelltown**

#### **On-site**

**Subject Contact** Rhys Tague (<https://directory.westernsydney.edu.au/search/name/Rhys Tague/>)

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