ZEIT3101 IT Project 2 - 2024

Published on the 27 Jun 2024

General Course Information

Course Code : ZEIT3101
Year : 2024
Term : Semester 2
Teaching Period : Z2
Is a multi-term course? : No
Faculty : UNSW Canberra
Academic Unit : School of Systems and Computing
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : UNSW Canberra at ADFA
Campus : UNSW Canberra
Study Level : Undergraduate
Units of Credit : 6

<u>Useful Links</u>

<u>Handbook</u> <u>Class Timetable</u>

Course Details & Outcomes

Course Description

It is a prerequisite to this course that students have completed IT Project 1 (ZEIT3118). This course is the second part of the two parts in the capstone project, each worth 6UOC. On successful completion of this course, the final mark you attain will be attributed to this course in addition to ZEIT3118.

Course Aims

This is a capstone course in the degree. The Project affords the opportunity to apply skills and knowledge from other courses in the degree and forge a contribution to the IT discipline by a software engineering project. This complex group-based project seeks to contextualise multiple components of the ICT profession, and also incorporate Cyber-Security fundamentals.

This project requires students work in teams with a key stakeholder client to identify the requirements of a project based on high-level aims, evaluate appropriate technology choices and implementation architectures, and develop a solution that meets these needs. Such needs often include the consideration of existing business processes, software, hardware, and the development of integration pathways.

Additionally, students are expected to critically analyse and evaluate their project to better understand how design and technology choices, time-management, group interaction and client communication impact outcomes

Relationship to Other Courses

It is a prerequisite to this course that students have completed IT Project 1. This course is the second part of the two parts in the capstone project, each worth 6UOC.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Evaluate the requirements of an external project including the risks and issues in the context of ICT projects
CLO2 : Apply current industry-standard tools and processes for all stages of the project development life-cycle while adhering to ICT professional ethics
CLO3 : Manage a complex, software-driven project to deliver fit for purpose outcomes using relevant management and delivery approaches
CLO4 : Apply effective communication skills within an internal team and with external stakeholders using oral presentations, meetings and written reports
CLO5 : Critically evaluate relevant improvements to current and future projects as well as team dynamics using reflection activities

Course Learning Outcomes	Assessment Item
CLO1 : Evaluate the requirements of an external project including the risks and issues in the context of ICT projects	• Individual • Project Output
CLO2 : Apply current industry-standard tools and processes for all stages of the project development life-cycle while adhering to ICT professional ethics	• Individual • Project Output
CLO3 : Manage a complex, software-driven project to deliver fit for purpose outcomes using relevant management and delivery approaches	• Individual • Project Output
CLO4 : Apply effective communication skills within an internal team and with external stakeholders using oral presentations, meetings and written reports	• Individual • Project Output
CLO5 : Critically evaluate relevant improvements to current and future projects as well as team dynamics using reflection activities	• Individual • Project Output

Learning and Teaching Technologies

Moodle - Learning Management System | Microsoft Teams

Learning and Teaching in this course

This course employs a constructionist learning theory and has a strong focus on reinforcing theoretical concepts with practical implementation.

Additional Course Information

On successful completion of this course, the final mark you attain will be attributed to this

course in addition to ZEIT3118.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Individual Assessment Format: Individual	70%	Start Date: Not Applicable Due Date: Various - Please refer to the table
Project Output Assessment Format: Group	30%	Start Date: Not Applicable Due Date: Various - Please refer to the table

Assessment Details
Individual

<u>Assessment Overview</u>

Total – 70%

·   Personal Reflections (25%)

·   Personal Contribution (45%)

<u>Course Learning Outcomes</u>

- CLO1 : Evaluate the requirements of an external project including the risks and issues in the context of ICT projects
- CLO2 : Apply current industry-standard tools and processes for all stages of the project development life-cycle while adhering to ICT professional ethics
- CLO3 : Manage a complex, software-driven project to deliver fit for purpose outcomes using relevant management and delivery approaches
- CLO4 : Apply effective communication skills within an internal team and with external stakeholders using oral presentations, meetings and written reports
- CLO5 : Critically evaluate relevant improvements to current and future projects as well as team dynamics using reflection activities

<u>Assignment submission Turnitin type</u>

Not Applicable

Project Output

<u>Assessment Overview</u>

- Team Charter
- Interaction

- Final Artefacts
- Client satisfaction
- Project Reviews

Course Learning Outcomes

- CLO1 : Evaluate the requirements of an external project including the risks and issues in the context of ICT projects
- CLO2 : Apply current industry-standard tools and processes for all stages of the project development life-cycle while adhering to ICT professional ethics
- CLO3 : Manage a complex, software-driven project to deliver fit for purpose outcomes using relevant management and delivery approaches
- CLO4 : Apply effective communication skills within an internal team and with external stakeholders using oral presentations, meetings and written reports
- CLO5 : Critically evaluate relevant improvements to current and future projects as well as team dynamics using reflection activities

Assignment submission Turnitin type

Not Applicable

General Assessment Information

Assessment Item Weighting

Project 1: 40%

Project 2: 60%

Individual: **Total – 70%**

- Personal Reflections (25%)
  - Reflections part1: (30%)
  - Reflections part2: (30%)
  - Final Reflection part3: (40%)
- Personal Contribution (45%)
  - Personal contribution to the project is weighted via in-class contribution, individual end-of-project write-up, presentation, and analysis of the project outcomes against tasks. Additionally, peer assessment is also considered.

Group: **Total – 30%**

- Team Charter - 0%,
- Interaction 20%,
- Final Artefacts 45%,
- Client satisfaction - 10%,

- Project Reviews 25%
  - Review 1 (35%)
  - Review 2 (65%)

Project 2 Assessment Items Due Date

Personal Reflections: every 4 weeks

Personal Contribution: On a weekly basis

Client contact/Team Charter: Week 3

Project Review 1: Weeks 5-6

Project Review 2: Weeks 12&13

Final Project Artefacts: Week 13

<u>Grading Basis</u>

Standard

<u>Requirements to pass course</u>

Students must achieve at least 50% of the total mark, and at least 50% in the Individual component.

Course Schedule

Attendance Requirements

All students are required to attend staff-team meetings during the scheduled lectures unless there is a valid reason for absence. In these meetings group progress and individual contributions are monitored by the course staff.

General Schedule Information

This is a project-based course, and as such the schedule will differ depending on the project chosen. More details of this will be provided in class.

Course Resources

Prescribed Resources

There is no compulsory text for this course.

Additional non-compulsory readings will also be available on the course Moodle page over the course period.

Course Evaluation and Development

One of the key priorities in the 2025 Strategy for UNSW is a drive for academic excellence in education. One of the ways of determining how well UNSW is progressing towards this goal is by listening to our own students. Students will be asked to complete the myExperience survey towards the end of this course.

Students can also provide feedback during the semester via: direct contact with the lecturer, the "On-going Student Feedback" link in Moodle, Student-Staff Liaison Committee meetings in schools, informal feedback conducted by staff, and focus groups. Student opinions really do make a difference. Refer to the Moodle site for this course to see how the feedback from previous students has contributed to the course development.

Important note: Students are reminded that any feedback provided should be constructive and professional and that they are bound by the Student Code of Conduct Policy

https://www.unsw.edu.au/planning-assurance/conduct-integrity/conduct-unsw/student-conduct-integrity/student-code-conduct

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Saber Elsayed		B15, R115	5114 5144	by appointment	No	Yes
Lecturer	Yawen (Wendy) Chen		B15, R203	2 5114 5432	by appointment	No	No

Other Useful Information

School-specific Information

The Leaning Management System

Moodle is the Learning Management System used at UNSW Canberra. All courses have a Moodle site which will become available to students at least one week before the start of semester. Please find all help and documentation (including Blackboard Collaborate) at the Moodle Support page.

UNSW Moodle supports the following web browsers:

• Google Chrome 50+

• Safari 10+

Internet Explorer is not recommended. Addons and Toolbars can affect any browser's performance.

Operating systems recommended are:

• Windows 10,

• Mac OSX Sierra,

• iPad IOS10

Further details:

Moodle System Requirements

Moodle Log In

If you need further assistance with Moodle:

For enrolment and login issues please contact:

IT Service Centre

Email: itservicecentre@unsw.edu.au

Phone: (02) 9385-1333

International: +61 2 9385 1333

For all other Moodle issues please contact:

External TELT Support

Email: externalteltsupport@unsw.edu.au

Phone: (02) 9385-3331

International: +61 2 938 53331

Opening hours:

Monday – Friday 7:30am – 9:30 pm

Saturday & Sunday 8:30 am – 4:30pm

[Study at UNSW Canberra](#)

Study at UNSW Canberra has lots of useful information regarding:

• Where to get help

• Administrative matters

• Getting your passwords set up

• How to log on to Moodle

• Accessing the Library and other areas.

[UNSW Canberra Student Hub](#)

For News and Notices, Student Services and Support, Campus Comminity, Quick Links, Important Dates and Upcoming Events

School Contact Information

Deputy Head of School (Education): Dr Erandi Hene Kankanamge

E: e.henekankanamge@adfa.edu.au

T: 02 5114 5157

Syscom Admin Support: syscom@unsw.edu.au

T: 02 5114 5284

Syscom Admin Office: Building 15, Level 1, Room 101 (open 10am to 4pm, Mon to Fri)