



Enrolment Period 1	Enrolment Period 2
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School: Science

This unit information may be updated and amended immediately prior to semester. To ensure you have the correct outline, please check it again at the beginning of semester.

Unit Title	Project Methods and Professionalism
Unit Code	CSG2344
Year	2019
Enrolment Period	2
Version	3
Credit Points	15
Full Year Unit	N
Mode of Delivery	On Campus Online
Unit Co-ordinator	Dr David Michael COOK

Description

This unit develops students' expertise in:the software development life cycle; software project management techniques including planning, risk and configuration management; quality assurance; verification and validation software; and software requirements definition and design specification. The unit further studies management issues involved in computing together with technical issues related to measurement and assessment of processes. Future developments together with social issues relating to ethics, professionalism and the law are also considered.

Prerequisite Rule

For students not enrolled in Y14, must pass CSI1241.

Equivalent Rule

Unit was previously coded CSG3332, CSG3446, CTC3320, CTC3400

Learning Outcomes

On completion of this unit students should be able to:

1. Integrate prescribed knowledge management areas within a complex IT project.
2. Implement the processes involved in completing a complex IT project.
3. Collaborate with others to manage teams of people.
4. Communicate and articulate project management requirements within a team environment.
5. Apply WCAG guidelines in conjunction with Aboriginal and Torres Strait Islander and global accessibility values.

Unit Content

1. Automated support tools for use in the software development life cycle.
2. Configuration management, change control.
3. Documentation report and technical writing.
4. Ethical issues; standards, codes of conduct, confidentiality.
5. Implementation issues for systems.
6. Legal issues; contracts, negligence, copyright, outsourcing, competitive tendering, consultancy.
7. People, teamwork, and conflict resolution.
8. Professional issues; standards, professional associations, professional practice, continuing professional development, networking and mentoring.
9. Project management principles and practices including software life cycles, methodologies, models and prototypes.
10. Quality assurance and risk management documentation.
11. Software design issues and specification.
12. Software requirements definition, including generation of Scope of Work, develop Work Breakdown Structure (WBS), prepare a Cost Estimate and a Development Schedule.
13. Testing, verification and validation.

Learning Experience

ON-CAMPUS

Students will attend on campus classes as well as engage in learning activities through ECU Blackboard.

	Joondalup	Mount Lawley	South West (Bunbury)
Semester 2	13 x 1 hour lab	Not Offered	Not Offered
Semester 2	13 x 2 hour lecture	Not Offered	Not Offered
Semester 2	x 1 hour waitlist	Not Offered	Not Offered

For more information see the [Semester Timetable](#)

ONLINE

Students will engage in learning experiences through ECU Blackboard as well as additional ECU learning technologies.

Assessment

GS1 GRADING SCHEMA 1 Used for standard coursework units

Students please note: The marks and grades received by students on assessments may be subject to further moderation. All marks and grades are to be considered provisional until endorsed by the relevant Board of Examiners.

ON CAMPUS

Type	Description	Value
Test	Competency building test materials	20%
Project	Group project and presentation	40%
Examination	End of semester examination *	40%

ONLINE

Type	Description	Value
Test	Competency building test materials	20%
Project	Group project and presentation	40%
Examination	End of semester examination *	40%

* Assessment item identified for English language proficiency

Disability Standards for Education (Commonwealth 2005)

For the purposes of considering a request for Reasonable Adjustments under the Disability Standards for Education (Commonwealth 2005), inherent requirements for this subject are articulated in the Unit Description, Learning Outcomes and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the support for students with disabilities or medical conditions can be found at the [Student Equity, Diversity and Disability Service website](#).

Academic Misconduct

Edith Cowan University has firm rules governing academic misconduct and there are substantial penalties that can be applied to students who are found in breach of these rules. Academic misconduct includes, but is not limited to:

- plagiarism;
- unauthorised collaboration;
- cheating in examinations;
- theft of other students' work;

Additionally, any material submitted for assessment purposes must be work that has not been submitted previously, by any person, for any other unit at ECU or elsewhere.

The ECU rules and policies governing all academic activities, including misconduct, can be accessed through the ECU website.

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