School of Engineering and ICT

Discipline of Information and Communication Technology

Unit Outline

KXO231 ICT Project Management

March - June 2015
Shanghai, China

Unit Coordinator
Dr. Erin Roehrer
E-Mail: Erin.Roehrer@utas.edu.au
Phone: (03) 6226 6214
Room: 468, Sandy Bay Campus, Hobart

Teaching Staff
Shirley Wang
UNIT OVERVIEW

Introduction

This unit covers the principles, techniques and tools of project management. Students will develop skills appropriate to professional computing employment, particularly written, verbal and interpersonal communications skills, developing an appreciation that the Information, Communication and Technology (ICT) profession is largely people-centred rather than technology-centred.

The unit will cover life cycle; project planning and administration; cost estimation; resource control and financial management; quality monitoring and assurance; risk analysis and risk management.

Prerequisites

Any two Level 100 units from any discipline

Unit Weight

12.5% of one academic year

Learning expectations

The University is committed to high standards of professional conduct in all activities, and holds its commitment and responsibilities to its students as being of paramount importance. Likewise, it holds expectations about the responsibilities students have as they pursue their studies within the special environment the University offers. The University’s Code of Conduct for Teaching and Learning states:

Students are expected to participate actively and positively in the teaching/learning environment. They must attend classes when and as required, strive to maintain steady progress within the subject or unit framework, comply with workload expectations, and submit required work on time.

Attendance/performance requirements and teaching and learning strategies

Satisfactory performance is mandatory in both the examination (at least 45%) and the internal component (at least 45%), with an overall mark of at least 50% to pass this unit.

Students should review each week’s reading material before attending the weekly lecture and tutorial. This unit has been designed to enable students to develop a foundation awareness of the weekly material before formal presentation of that material. Following this strategy will assist students with the understanding and application of key learning concepts.

Communication

News and announcements will be posted to MyLO News, and students will be expected to be aware of the content of such posts within 48 hours of them being posted.

Contact with the Unit Coordinator will be primarily through email, and face-to-face during the teaching visit (20th of April to 27th of April). Contact with the lecturing staff includes face-to-face contact during lectures, tutorials, and unit consultation, and contact via email for all other times.

Students are to ensure that emails contain the unit code of this subject (KXO231) and their student ID.

Teaching Pattern

1 hourly lecture weekly
1 hourly tutorial weekly

UTAS coordinator will visit from 20th April to the 27th April 2015 (week 7).

Unit Content

Unit Introduction & Overview of Project Management
Project Lifecycle & Organisation
Project Management Processes
Project Integration Management
Project Scope Management
Project Cost Management
Project Time Management
Project Quality management
Project HRM
Project Communications Management
20 -27 April, 2015: The teaching week will focus on a broad overview of project management, project communication and project planning. For more information see the section titled 'Content' on the unit website.

For more information see the section titled 'Content' on the unit website.

Learning Outcomes

On successful completion of this unit, you will be able to:

1. Demonstrate and apply knowledge of:
   - project management frameworks, principles and concepts, methodologies, processes and tools;
   - An understanding of the project management lifecycle;

2. An understanding of the responsibilities of an ICT project manager including project team formation, estimation, costing, task scheduling, monitoring, risk and quality management, negotiation and conflict resolution;

3. Communicate information and ideas, in both written and oral forms using communication technologies to suit purpose;

4. Work in teams to achieve goals within specified timelines to develop skills for professional ICT practice.

Generic graduate attributes

Successful completion of this unit supports your development of course learning outcomes, which describe what a graduate of a course knows, understands and is able to do. The course learning outcomes for all the ICT degrees can be found via: http://www.utas.edu.au/ict/new-courses. Course learning outcomes are developed with reference to national discipline standards, Australian Qualifications Framework (AQF), any professional accreditation requirements and the University of Tasmania's Graduate Quality Statement.

The University of Tasmania experience unlocks the potential of individuals. Our graduates are equipped and inspired to shape and respond to the opportunities and challenges of the future as accomplished communicators, highly regarded professionals and culturally competent citizens in local, national, and global society. University of Tasmania graduates acquire subject and multidisciplinary knowledge and skills and develop creative and critical literacies and skills of inquiry. Our graduates recognise and critically evaluate issues of social responsibility, ethical conduct and sustainability. Through respect for diversity and by working in individual and collaborative ways, our graduates reflect the values of the University of Tasmania.

- **Knowledge**
  - Develop a knowledge of ICT project management, the frameworks, methodologies, processes and tools employed in project management;
  - Be capable of applying this knowledge to the design, monitoring and adoption of realistic ICT project plans;

- **Communication Skills**
  - Understand the importance of clear interpersonal communication between project team members, especially the need for maintenance and distribution of clear, concise project documentation;
  - Demonstrate ability to interact effectively in teams for practical problem solving related to project management;
  - Demonstrate a high level of report writing and oral communication;

- **Problem-solving Skills**
  - Engage in small group problem-solving on matters drawn from project management;
  - Conceptualise problems in cost estimation, project breakdown, task scheduling, risk assessment and quality assurance and be able to formulate a range of potential solutions;
  - Gain a project manager’s perspective on the types of problems encountered and methodologies for dealing with these problems;

- **Global Perspective**
  - Appreciate potential cross-cultural issues that may arise in the management of the project team and liaison with project clients and stakeholders;
  - Recognise the critical importance of the field of project management in the development of ICT systems;
  - Demonstrate mastery of skills appropriate to professional practice in preparation for the transition to an IT working environment;

- **Social Responsibility**
  - The social and ethical standards of the profession;
  - The social impact of ICT-induced change in organisations.

Alterations to the unit as a result of student feedback

The weekly modules have been restructured in order to demonstrate a clearer alignment with the Principles of Project Management, according to the Project Management Body of Knowledge.
UNIT ASSESSMENT

**Assessment Pattern**

60% in-semester, 40% exam

**Assessment Summary**

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Assessment</td>
<td>15%</td>
<td>Sunday 8:55pm before the tutorial week commences</td>
</tr>
<tr>
<td>MyLO Quizzes</td>
<td>15%</td>
<td>10th April, 27th April &amp; 29th May 2015</td>
</tr>
<tr>
<td>Assignment 1</td>
<td>30%</td>
<td>8:55pm (Shanghai Time) Monday 11th May 2015</td>
</tr>
<tr>
<td>Formal Examination</td>
<td>40%</td>
<td>The final exam is conducted by the University of Tasmania's Student Centre in the formal examination period. AIEN's Teaching and Learning Administration Office will provide you with the specific date, time and location of your exam.</td>
</tr>
</tbody>
</table>

**Assessment Items**

**Item 1**

**Title:** Continuous Assessment  
**Type:** In-Semester - learning tasks  
**Task Length:** Not Applicable  
**Weighting:** 15%  
**Links to Learning Outcomes:** 1, 2  
**Due:** Sunday 8:55pm before the tutorial week commences  
**How To submit:** Submit your tutorial notes to the weekly dropbox on MyLO. Students should bring a copy of their submission to their allocated tutorial class to hand to the tutor.  
**Description:** For this unit you are to document your answers to the tutorial work in dot point on no more than one A4 sheet of paper prior to class each week. The electronic copy is to be submitted to MyLO by no later than Sunday night prior to the workshop. You are to bring the hardcopy to your ALLOCATED tutorial class. You are to hand the hardcopy to the lecturer at the end of that class. Ensure you have your name and student id clearly displayed at the top of the A4 sheet for ease of identification. Please note if you try and swap tutorial classes you will be asked to leave and marked down as absent for that week. This pre-tutorial work, attending and participating in the tutorial class together count for 15% for this unit.

**Item 2**

**Title:** MyLO Quizzes  
**Type:** In-Semester - individual assignment  
**Task Length:** Not Applicable  
**Weighting:** 15%  
**Links to Learning Outcomes:** 1, 2  
**Due:** 10th April, 27th April & 29th May 2015  
**How To submit:** Under the Quiz tab in MyLO, chose the appropriate Quiz and follow the submission instructions. Make sure you save your answers to each question as you work through the quiz.  
**Description:** Three online quiz on MyLo consisting of 15 questions each. Students will have 30 minutes to complete each quiz and one attempt will be allowed. Quiz content will be based on tutorial activities and theory presented in the lectures.

**Item 3**

**Title:** Assignment 1  
**Type:** In-Semester - group assignment  
**Task Length:** 3,000  
**Weighting:** 30%  
**Links to Learning Outcomes:** 2, 3, 4  
**Due:** 8:55pm (Shanghai Time) Monday 11th May 2015  
**How To submit:** Each student will be allocated to a group for this assignment. Each group will have a MyLO Dropbox created for this assignment. One student from each group is required to complete a group assignment cover sheet and submit both the cover sheet and completed assignment to the group Dropbox.  
**Description:** You are expected to produce a project report to meet the requirements of the assignment brief. The report is to be carried out in teams consisting of no more than five students.

**Item 4**

**Title:** Formal Examination  
**Type:** Formal Examination  
**Task Length:** Two hours  
**Weighting:** 40%  
**Links to Learning Outcomes:** 1, 2, 3  
**Due:** The final exam is conducted by the University of Tasmania's Student Centre in the formal examination period. AIEN's Teaching and Learning Administration Office will provide you with the specific date, time and location of your exam.  
**Description:** This is a closed book examination
See the 'Assessment' section in unit website for more detailed information about assessment items.

**How your Final Grade will be determined**

Overall assessment will be based on the student’s performance throughout the semester as well as in a formal examination. In order to achieve a pass (or better) result, a student must obtain:

1. at least 45% of the total mark for in-semester assessment items
2. at least 45% of the mark for the formal examination
3. at least 50% of the overall mark

**Attendance Requirements**

It is a requirement of your Chinese university that you attend all classes. UTAS supports this principle. It is our belief that attendance in class leads to better engagement with the subject matter and therefore to better results. Please attend all classes.
UNIT RESOURCES

Unit Web Site

This unit is Web Dependent: content & communication. This means that you will need to use the Web for this unit. The unit website contains unit information and resources. The unit website is accessed from http://www.utas.edu.au/coursesonline/. You will need to use your University of Tasmania email pop account username and password to log on to the MyLO system. Once authenticated by the system your personalised MyLO Learning Online area will be displayed. It contains links to the websites that you have permission to access - including the website for this unit. If you are not able to access the unit website, please contact the technical staff at SOU.

Prescribed Text

None

Readings

Assessed Readings can be found on the CONTENT page of the MyLO site.

Software

The software that you will need to access the unit website and to study this unit, including general purpose software such as word processors, is provided on the computers in the computing labs. If you intend to use software on other computers please check that the versions are compatible. This unit will use Microsoft Project and Microsoft Office software such as Word and Excel.
GENERAL RESOURCES

School Website

Discipline of ICT, School of Engineering and ICT - Faculty of Science, Engineering, and Technology.
http://www.utas.edu.au/ict

Faculty Website

Information and Resources for Faculty of Science, Engineering and Technology students are available on the faculty website at: http://www.utas.edu.au/scieng

University Website

Information and Resources for 'Current Students' are available on the university website at:
http://www.utas.edu.au/students/
GENERAL ASSESSMENT

Approach to Learning

The University is committed to high standards of professional conduct in all activities, and holds its commitment and responsibilities to its students as being of paramount importance. Likewise, it holds expectations about the responsibilities students have as they pursue their studies within the special environment the University offers.

The University's Code of Conduct for Teaching and Learning states:

Students are expected to participate actively and positively in the teaching/learning environment. They must attend classes when and as required, strive to maintain steady progress within the subject or unit framework, comply with workload expectations, and submit required work on time.

You are expected to spend about 130 hrs studying in this unit - this includes attendance at scheduled teaching sessions. (For a 13 week semester this is, on average, 10 hr/wk.) This is the amount of study time that the 'typical' student will need to reach the level of competence and understanding required to fulfil the unit objectives. You are expected to:

- attend all scheduled teaching sessions, unless otherwise notified by the unit coordinator
- prepare for, and actively participate in all scheduled teaching sessions
- complete the assigned learning tasks
- review what has been learnt
- complete assessment items and submit them on time
- access and be familiar with the information and resources available on the unit website
- seek help from teaching staff if you have any questions or difficulties in studying this unit

You are encouraged to read the university's Code of Conduct for Teaching and Learning. Part A describes the 'Responsibility of the University to Students' and part B describes the 'Responsibilities of Students to the University'.


It is expected that students will familiarise themselves with access and use of the MyLO system operated by the University for the electronic delivery of course materials, and for various forms of communication.

It is expected that students will consult email sent to their University email address at least twice a week for notices relating to the administration of the unit, and for notification of the results of assignments.

It is expected that students will read the background material specified in the course curriculum, will actively attend and participate in tutorials, and be prepared to discuss relevant issues arising with tutors, lecturers and fellow students.

Student Expectations of the Unit

Students enrolled in this Unit may reasonably expect the following:

1. To be able to contact a lecturer or tutor by electronic mail, to raise issues arising in the unit, either relating to content or student performance within the unit.
2. Subject to availability, to be able to discuss such issues in person with the lecturer or tutor.
3. That assignments will be marked and the marks will normally be returned within 3 weeks of due dates.
4. That all relevant notices regarding the administration of the unit, including any necessary changes, will be communicated to all students enrolled in the unit via email.

These expectations are in addition to those specified in relevant University regulations.
Plagiarism

In your written work you will need to support your ideas by referring to scholarly literature, works of art and/or inventions. It is important that you understand how to correctly refer to the work of others, and how to maintain academic integrity. Failure to appropriately acknowledge the ideas of others constitutes academic dishonesty (plagiarism), a matter considered by the University of Tasmania as a serious offence.

Unless specifically stated in the specification of the assessment item provided on the unit website, it is required that:

- work submitted by a student is the work of that student alone OR
- where the assessment item is to be completed by a group of students, the work submitted by the group of students is the work of that group of students alone.

While students are encouraged to discuss the assignments in this unit and to engage in active learning from each other, it is important that they are also aware of the University's policy on plagiarism. Plagiarism is taking and using someone else's thoughts, writings or inventions and representing them as your own; for example downloading an essay wholly or in part from the internet, copying another student’s work or using an author's words or ideas without citing the source.

"Plagiarism is a form of cheating. It is taking and using someone else's thoughts, writings or inventions and representing them as your own; for example, using an author's words without putting them in quotation marks and citing the source, using an author's ideas without proper acknowledgment and citation, copying another student's work."

If you have any doubts about how to refer to the work of others in your assignments, please consult your lecturer or tutor for relevant referencing guidelines. You may also find the Academic Honesty site on MyLO of some assistance.

The intentional copying of someone else's work as one's own is a serious offence punishable by penalties that may range from a fine or deduction/cancellation of marks and, in the most serious of cases, to exclusion from a unit, a course or the University. Details of penalties that can be imposed are available in the Ordinance of Student Discipline - Part 3 Academic Misconduct, see [www.utas.edu.au/__data/assets/pdf_file/0006/23991/Ordinance-9-Student-Discipline.pdf](http://www.utas.edu.au/__data/assets/pdf_file/0006/23991/Ordinance-9-Student-Discipline.pdf).

The University and any persons authorised by the University may submit your assessable works to a plagiarism checking service, to obtain a report on possible instances of plagiarism. Assessable works may also be included in a reference database. It is a condition of this arrangement that the original author's permission is required before a work within the database can be viewed."

It is important that you understand this statement on plagiarism. Should you require clarification please see your unit coordinator or lecturer. Useful resources on academic integrity, including what it is and how to maintain it, are also available at: [http://www.academicintegrity.utas.edu.au](http://www.academicintegrity.utas.edu.au)

Academic misconduct

Academic misconduct includes cheating, plagiarism, allowing another student to copy work for an assignment or an examination, and any other conduct by which a student:

a. seeks to gain, for themselves or for any other person, any academic advantage or advancement to which they or that other person are not entitled; or

b. improperly disadvantages any other student.

Students engaging in any form of academic misconduct may be dealt with under the Ordinance of Student Discipline, and this can include imposition of penalties that range from a deduction/cancellation of marks to exclusion from a unit or the University. Details of penalties that can be imposed are available in Ordinance 9: Student Discipline [http://www.utas.edu.au/__data/assets/pdf_file/0006/23991/Ordinance-9-Student-Discipline.pdf](http://www.utas.edu.au/__data/assets/pdf_file/0006/23991/Ordinance-9-Student-Discipline.pdf) - Part 3 Academic Misconduct.

Referencing

The preferred text referencing systems for the School is the Harvard system (also referred to as the author-date system). In your written work you will need to support your ideas by referring to scholarly literature, works of art and/or inventions. The University library provides information on presentation of assignments, including referencing
styles and should be referred to when completing tasks in this unit. For information on presentation of assignments, including referencing styles: http://utas.libguides.com/referencing

It is important that you understand how to correctly refer to the work of others and maintain academic integrity. Failure to appropriately acknowledge the ideas of others constitutes academic dishonesty (plagiarism), a matter considered by the University of Tasmania as a serious offence. The university document on plagiarism contains information about referencing the work or ideas of others (see http://www.utas.edu.au/plagiarism/).
Submissions

The details of the submission method (paper, electronic or other) for each assignment will be supplied in a separate assignment specification sheet. All in-semester assignment submissions (including electronic submissions) are to include an Assignment Cover Sheet which includes a statement confirming that the submission is your own work. If this undertaking is not signed, the assignment will not be marked. The Assignment Cover Sheet is available on the Discipline’s web site http://www.utas.edu.au/ict/resources.

Extensions

Assessment items will not be accepted after the due date except under the conditions stated in the Discipline policy on late assessment. http://www.utas.edu.au/__data/assets/pdf_file/0003/231960/ExtensionPolicy.pdf (PDF - 100KB).

Review of Assessment and Appeals

1. It is expected that students will adhere to the following policy for review of any piece of continuous assessment.
   a. Within 5 days of the release of the assessment result, the student should request an appointment with the Lecturer. The student should be prepared to discuss specifically which section of the marking criteria they are disputing and why they consider the mark is inappropriate.
   b. Following this discussion, students may request a formal remark of the original submission (in accordance with Rule of Academic Assessment 111, clause 22.1). This remark will be undertaken, where practicable, by an alternative assessor.
2. Students may also request a review of the final result in a unit. The request and payment must be made within 10 days from the date of the result notification. Students are referred to Rule of Academic Assessment 111, clause 23 at http://www.utas.edu.au/university-council/university-governance/rules and http://www.studentcentre.utas.edu.au/examinations_and_results/results/result_review_results.htm.

Complaints Procedure

It is expected that students will adhere to the following policy for making any complaint or grievance directly related to a Unit:
   a. In the first instance, students are to approach the Lecturer or Unit Coordinator concerned and arrange a time to speak with them about their concern.
   b. If an issue remains unresolved, the student should approach the Head of School and arrange a time to speak with them about their concern.

If the School's internal policy of complaints is unable to resolve an issue, students should consult Ordinance 8 Student Complaints for further direction, see http://acserv.admin.utas.edu.au/complaints_info.html

Formal Examination

The formal examination will be held at SOU, Shanghai, and is conducted by the University Registrar.

Final Grade

Passing grades will be awarded based on the AVCC guidelines:

- PP at least 50% of the overall mark but less than 60%
- CR at least 60% of the overall mark but less than 70%
- DN at least 70% of the overall mark but less than 80%
- HD at least 80% of the overall mark

In order to comply with the benchmarks set by the Faculty of Science, Engineering & Technology for distribution of grades in units, both the in-semester and examination marks that students obtain may be adjusted either upwards or downwards. See http://fcms.its.utas.edu.au/scieng/scieng/policies.asp for details of the Faculty Assessment Guidelines.

Further information and assistance

If you are experiencing difficulties with your studies or assignments, have personal or life-planning issues, disability or illness which may affect your course of study, you are advised to raise these with the unit coordinator in the first instance.

There is a range of University-wide support services available to you including Student Learning Support (http://www.utas.edu.au/student-learning/) and more which can be found on the Student Support and Development page (http://www.utas.edu.au/students/support-development) of the University website.

Should you require assistance in accessing the Library, visit their website (http://www.utas.edu.au/library/study) for
more information.