



University of Tasmania

# Unit Outline: KXA459 Multimedia & Internet Applications

Semester 1, 2004

Sandy Bay Campus, Hobart  
Newnham Campus, Launceston

## Prerequisites

None

## Corequisites

None

## Unit Weight

12.5% of one academic year

## Unit Coordinator

Prof. Young Ju Choi

## Scheduled Teaching Sessions

Seminars: 2 hr/wk for weeks 1-6, individual meetings for weeks 7-13

The Unit Timetable can be accessed from the Study Resources section of the School website. (<http://www.comp.utas.edu.au/app/studyresources.jsp>).

## Unit Website

The unit website is accessed from <http://vista.utas.edu.au/>. You will need to use your university email pop account username and password to log on to the WebCT system. Once authenticated by the system your personalised MyWebCT area will be displayed. It contains links to the websites that you have permission to access - including the website for this unit.

This unit is Web Dependent: content. This means that you will need to use the Web for this unit. The unit website contains unit information and resources.

If you are not able to access the unit website, please contact the University IT help desk:

Entrance Level, Morris Miller Library, Sandy Bay Campus;

Entrance Level, Launceston Campus Library, Newnham Campus.

Telephone: 6226 1818 and 1300 304 903.

The 1300 number is a local call from within Tas, with the exception of mobiles.

Email: [servicedesk@utas.edu.au](mailto:servicedesk@utas.edu.au)

Website: <http://www.utas.edu.au/servicedesk/student/index.html>

## University Website

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

## Provider

School of Computing - Faculty of Science, Engineering, and Technology. <http://www.comp.utas.edu.au>

## OVERVIEW

### Introduction

This subject introduces a new paradigm of web information service technology. The student will investigate the current limit of web based information service, passive information delivery, and the way of improving this, pull and pushing technology. Also, the student will investigate the adaptive user services in web portal as well as the way of implement dynamic web information including the database handling.

Students will be provided with a basic prototype system (WebMon) for web information monitoring and classification services to build more advanced web portal service.

This is a supervised study unit.

### Objectives

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

1. understand the technology underlying web information services
2. able to prototype web-based information services
3. able to write a technical paper suitable for conferences

### Unit Content

For the first 6 weeks: Study of Web Information Service technology using WebMon as the experimental tool, followed by Design of Project.

For the next 7 weeks: Development of (advanced) web portal service (based on WebMon).

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

### Generic Skills

The university has defined a set of generic graduate attributes expected in its graduates. <http://>

[www.admin.utas.edu.au/HANDBOOKS/UTASHANDBOOKS/RULES/POLGEN.html](http://www.admin.utas.edu.au/HANDBOOKS/UTASHANDBOOKS/RULES/POLGEN.html) Your course is designed to enable you to develop generic skills that are valued in, and expected of, graduates. These are skills that you will need to develop over time. Hence you are encouraged to look for opportunities, as you study each unit, to reflect on and improve these skills.

## LEARNING AND TEACHING

### Approach to Learning

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 seminars, unless otherwise notified by the unit coordinator
- prepare for, and actively participate in seminars
- 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'. <http://www.admin.utas.edu.au/HANDBOOKS/UTASHANDBOOKS/RULES/CTEA.html>

### Schedule

See the 'Schedule' section on the unit website.

### Teaching and Support Staff

#### Teaching Staff

##### Unit Coordinator:

Prof. Young Ju Choi  
E-Mail: [Y.J.Choi@utas.edu.au](mailto:Y.J.Choi@utas.edu.au)  
Phone: (03) 6324 3346  
Room: V105, Newnham Campus, Launceston

#### School Help Desk

Contact the School Help Desk if you have any queries or problems with accessing, using, or printing from the computers in the School of Computing labs.

- *Hobart*: the Help Desk is located near the School's reception desk and is open in the morning from 9-11, and in the afternoon from 12-1 and 2-4, Monday-Friday. The phone number is 6226 2960.
- *Launceston*: the Help Desk is located near the entrance to the computing labs and is open in the morning from 10-12, and in the afternoon from 2-4:30, Monday-Thursday. On Fridays it is open from 10-12 in the morning and 2-4 in the afternoon. The phone number is 6324 3447.
- *Burnie*: the computer labs at the NWC are maintained by ITS. Please contact the University Help Desk for assistance. The 6 Macs are maintained by the School of Computing. If you have a query or problem that is specific to the School of Computing please phone the School of Computing Help Desk in Launceston.

#### University Services and Support

The University has staff available to assist you, such as the:

- Learning Development Advisor
- Student Counselor
- Careers Advisor
- Disability Officer

For more information and contact details see the Services and Support section on the University 'Current Students' web page. <http://www.utas.edu.au/students/>

### Resources

### Unit Website

The unit website contains unit information and resources.

## Prescribed Text

None

## 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 School's computing labs. If you intend to use software on other computers please check that the versions are compatible.

WebMon System is provided.

## Computing Facilities

The School has PC labs (Windows XP), Mac labs (Mac OS-X 10.3), and Networking labs at the Newnham and Sandy Bay campuses. It also maintains 6 Macs (Mac OS-X 10.3) at the NW Centre. Unix accounts can be accessed from all Macs and PCs.

If you have not used these facilities before please contact the School Help Desk to organise your account details. If you would like to access the facilities at the Newnham and Sandy Bay campuses after hours please contact the School Help Desk.

Please contact the School Help Desk if you have difficulty accessing or using these facilities.

## Use of Facilities

Use of computing facilities provided by the School is subject to the School's Ethics Guidelines - <http://www.comp.utas.edu.au/app/ethics.jsp>. Copies of the guidelines are also available in all School labs. The School's facilities may only be used for study-related purposes, and may not be used for personal gain. The playing of games is strictly prohibited in all labs at all times. Before being granted access to the School's facilities, you will be required to sign a declaration that you have read and understand these guidelines, and that you will abide by them. Disciplinary action may be taken against students who violate the guidelines.

## Occupational Health and Safety

The university is committed to providing a safe and secure teaching and learning environment. For more information see [http://www.admin.utas.edu.au/hr/ohs/pol\\_proc/](http://www.admin.utas.edu.au/hr/ohs/pol_proc/)

## ASSESSMENT

### Assessment Items

#### Item 1

**Title:** Project Plan  
**Type:** In-Semester - individual assignment  
**Weighting:** 10%  
**Due:** by negotiation during weeks 1-2

#### Item 2

**Title:** Presentation of Project Plan  
**Type:** In-Semester - individual assignment  
**Weighting:** 5%  
**Due:** by negotiation during weeks 1-2

#### Item 3

**Title:** Prototype  
**Type:** In-Semester - individual assignment  
**Weighting:** 50%  
**Due:** by negotiation during weeks 1-2

#### Item 4

**Title:** Project Report  
**Type:** In-Semester - individual assignment  
**Weighting:** 15%

**Due:** by negotiation during weeks 1-2

### **Item 5**

**Title:** "Conference" Paper - 4 to 8 pages  
**Type:** In-Semester - individual assignment  
**Weighting:** 15%  
**Due:** by negotiation during weeks 1-2

### **Item 6**

**Title:** Final Presentation  
**Type:** In-Semester - individual assignment  
**Weighting:** 5%  
**Due:** by negotiation during weeks 1-2

See the 'Assessment' section in unit website for more detailed information about assessment items.

## **In-Semester Assessment**

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.

### **Plagiarism**

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; or
- 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, and the academic integrity resources on the web at <http://www.utas.edu.au/tl/supporting/academicintegrity/index.html>.

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 <http://www.utas.edu.au/policy/subject.html#students>.

The University reserves the right to submit assignments to plagiarism detection software, and might then retain a copy of the assignment on its database for the purpose of future plagiarism checking.

### **Referencing**

The university document on plagiarism contains information about referencing the work or ideas of others. (See <http://www.utas.edu.au/plagiarism/>.) The preferred text referencing systems for the School is the Harvard system (also referred to as the author-date system).

### **Submissions**

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 from the School Help Desk in Launceston and Hobart, and on the School's web site <http://www.comp.utas.edu.au/app/studyresources.jsp>.

### **Extensions**

Assessment items will not be accepted after the due date except under the conditions stated in the school policy on late assessment. [http://www.comp.utas.edu.au/app/late\\_assess.jsp](http://www.comp.utas.edu.au/app/late_assess.jsp)

## **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

The maximum mark awarded to a student who fails the unit will be 44.

For more information, including other grades such as Supplementary and Terminating grades, see the School of Computing's guidelines for assessment - available at: <http://www.comp.utas.edu.au/app/assess.jsp>