

eLearning at the University of Sydney, 2008

Key aspects

- focuses on the development of student understanding
- helps faculties to enable learning and teaching goals
- is part of a more holistic experience, which is predominately face-to-face

Key systems (see appendix 1)

- Enterprise learning management systems (CE6, Blackboard 7, Medical LMS)

2008/9 Development Projects

- Strategic eLearning development support (see appendix 2 and your faculty rep for 2009)
- Streaming: predominately Lectopia. Project manager, Christiaan Potgieter; Manager, Rafik Razzouk
- ePortfolios: in discussion with faculties. Professor Ann Sefton involved. Project Manager is Robert Loader.

Communication - Faculty eLearning representatives *

No	Faculty	No	Faculty
1	Agi O'Hara a.ohara@edfac.usyd.edu.au Faculty of Education & Social Work	9	Andrew Spiers a.spiers@usyd.edu.au Sydney College of the Arts
2	Andrew Vande Moere andrew@arch.usyd.edu.au Faculty of Architecture	10	Arlie Loughnan A.Loughnan@usyd.edu.au Faculty of Law
3	Catherine Groenlund cathieg@dentistry.usyd.edu.au Faculty of Dentistry	11	Kylie Williams kylie@pharm.usyd.edu.au Faculty of Pharmacy
4	Marie-Therese Barbaux m.barbaux@usyd.edu.au META Centre	12	Mark Freeman m.freeman@econ.usyd.edu.au Faculty Economics and Business
5	Michael Harris M.Harris@usyd.edu.au Faculty of Agriculture, Food and Natural Resources	13	Paul Sheehy p.sheehy@usyd.edu.au Faculty of Veterinary Science
6	Sharon Tindall-Ford s.tindall-ford@usyd.edu.au Sydney Conservatorium of Music	14	Tim Wilkinson T.Wilkinson@civil.usyd.edu.au School of Civil Engineering
7	Tom Hubble hubble@mail.usyd.edu.au School of Geosciences	15	Sandra West s.west@usyd.edu.au Faculty of Nursing & Midwifery
8	Fran Everingham F.Everingham@usyd.edu.au Health Sciences	16	Jo Lander jlander@health.usyd.edu.au Faculty of Medicine

*If your faculty representative has changed recently, these people will know who it is.

eLearning Coverage (special project for 2008 with planning office)

Category of Unit of Study Website	Description
A1 - informational	The unit of study website provides information resources only (eg, unit of study outline, readings, links to other related websites)
A2 - supplemental	A1+ the unit of study website provides activities requiring active student participation but these are not part of the assessment framework for the unit of study.
B1 – blended (assessment)	A1+ The unit of study website provides activities requiring active student participation and these are assessment as part of the students' performance.
B2 - blended (replacement)	A1+ The unit of study website provides activities requiring active student participation and these have replaced some of the face-to-face class time of students.
B3 – blended (replacement and assessment)	A1 + The unit of study website provides activities requiring active student participation and these are assessed and have replaced some of the face-to-face class time of students
C1 - fully flexible	The unit of study website supports a unit of study which can be completed almost completely off campus (for example, the unit of study might require a residential weekend)

Appendix 1 – Unit of Study Websites on Enterprise Learning Management Systems at the University

There are three enterprise learning management systems at the University of Sydney: the University LMS (CE6), the Blackboard LMS in the Faculty of Economics** and Business, and the Medical LMS in the Faculty of Medicine and Dentistry*. The Faculties of Medicine and Dentistry also use the University LMS.

<i>Units of Study websites on enterprise LMSs at University of Sydney</i>	2002	2003		2004		2005		2006		2007	
	Year totals	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
Health Sciences Cluster											
Dentistry	-	-	-	32*	32*	32*	32*	6 + 32*	3 + 32*	32*	32*
Health Sciences	70	70	49	117	112	210	242	318	308	277	214
Medicine	56	15	55	27 + 32*	76 + 32*	130 + 32*	158 + 32*	147 + 32*	164 + 32*	162 + 32*	86 + 32*
Nursing	46	29	19	37	26	38	39	44	31	39	122
Pharmacy	14	22	21	26	31	55	53	50	50	31	44
Sub-totals	186	136	144	199 + 64*	245 + 64*	433 + 64*	482 + 64*	565 + 64*	556 + 64*	509	466 + 64*
Humanities and Social Sciences Cluster											
Arts	58	46	39	73	51	82	79	104	99	153	280
Economics and Business	5	-	-	208 **	198 **	220**	208**	220**	206**	252**	218**
Education & Social Work	18	24	11	32	35	31	29	49	64	43	173
Law	12	70	80	83	90	119	126	112	107	61	88
College of the Arts	4	2	-	3	-	-	4***	6	3	1	10
Conservatorium of Music	1	1	1	-	-	-	3***	8	22	53	29
Sub-totals	98	143	131	189 + 208**	176 + 198**	232 + 220**	241 + 208**	279 + 220**	295 + 206**	311 + 252**	580 + 218**
Science and Technology Cluster											
Architecture	19	12	8	15	12	12	10	12	9	4	13
Agriculture	1	-	-	-	-	2	17	41	31	30	61
Science	163	145	130	151	242	232	244	305	280	195	339
Rural Management	95	67	65	62	65	100	100	-	-	-	-
Engineering	39	21	24	22	21	30	39	49	147	123	187
Veterinary Science	30	56	28	43	65	56	59	57	59	109	57
Totals	347	301	255	281	409	432	369	464	526	461	657
		580	530	669	870	1097	1092	1308	1377	1281	1703
	631	1110		1539 WebCT		2189 WebCT		2685 WebCT		2984 WebCT	
				398 Blackboard**		428 Blackboard**		426 Blackboard**		470 Blackboard**	
			128 Medical LMS*		128 Medical LMS*		128 Med LMS*		128 Med LMS*		

Appendix 2a- Health Sciences Cluster Strategic projects 2008 summary

Project title	Faculty	Academic in charge
The Caries Management System – what it is and how it works	Dentistry	Associate Professor Wendell Evans
Professional Practice & Fieldwork Information Centre	Health Sciences	Dr Catherine Dean
‘E-tivities’ for Interactivity in the Development of Generic Attributes for Faculty of Health Sciences (FHS) Courses	Health Sciences	Dr Steven Cumming
Video clips on WebCT to enhance learning of practical skills in Neurological Physiotherapy	Health Sciences	Dr Colleen Canning
Inter- and intra-block study support for indigenous students in courses in substance use.	Medicine	Dr Carolyn Day
Development of a pilot blended unit of study in Transplantation for the Master of Surgery (coursework) programme	Medicine	Dr Alexandra Sharland
Development of an interactive tutorial to assist post-graduate markers in learning how to provide written feedback	Medicine	Dr Meloni Muir
Using eLearning to support cross-curricular learning	Nursing & Midwifery	Associate Professor Sandra West
Clinical Log Books – developing an eLearning approach	Nursing & Midwifery	Associate Professor Sandra West
Development of clinical case studies for electronic formative feedback	Pharmacy	Dr Parisa Aslani

Appendix 2b- Sciences and Technology Cluster Strategic projects 2008 summary

Faculty/ discipline	Project name	Academics	Summary of request
Science - Psych	Formative assessment quizzes for advanced statistics in Psychology	Sabina Kleitzman & Margaret Charles	Formative quizzes in Statistics. Some content already available
Science - MMB	Demystifying assessment and monitoring learning in Microbiology	Dee Carter & Helen Agus	Quizzes for formative assessment. Students take same quiz four times Quiz has 1/4 of questions on assumed knowledge and 1/4 on each 1/3 of the class content. By doing whole quiz four times students see their won progress and are alerted to upcoming concepts.
Science - MMB	Online formative assessment with feedback in Molecular Biology	Vanessa Gysbers & Dale Hancock	Quizzes for formative assessment with feedback. Dale (for Vanessa) understands the time needed to write feedback - she already has the quizzes and will have grad students to write feedback. Quizzes are all multi-choice with three possible answers.
Science - HPS	Blended learning postgraduate units of study in History and Philosophy of Science	Hans Pols	Developing Mode C units of Study online for Grad Cert in HPS. Weekly learning modules to be built, with some multi-media included.
Science - HPS + VELIM	Ethics perspectives wheel in Bioethics	Paul Macneill	Developing a tool to assist Ethics students to see different perspectives. Also content in WebCT to align with the tool.

Science - MMB	Interactive tutorials for Molecular Biology and Genetics	Bruce Lyon	Developing strategies for integrating elearning with face-to-face teaching to enhance the provision of tutorials in molecular biology and genetics. Structured modules in WebCT for lab preparation in one Uos as a template.
Science - Environmental Science	Making online field trips hands-on: linking activity and assessment to learning resources in Environmental Science	Deiter Hochuli, Charlotte Taylor & Claire MacArthur	Responding to student evaluations of activities and resources in the 2007 unit by extending pre-field trip activities, and providing more guidance on resources for use after the field trip, eg for writing reports.
VETS	Preparation of veterinary undergraduate students for abattoir placement	Robert Dixon	We wish to expand existing features, and add new features to the abattoirs preparation modules already used by students
VETS	Large animal handling skills online modules for BVSc and AnVetBioSc students	Pietro Celi, Peter Windsor, John House, Trish Holyoake, Irene van Ekris, Keith Ellis	We would like to increase the usability of OLIVER for students of large animal handling skills by developing a web-page interface to the resources on the server. Project would involve some assistance with the structuring of the database, then creation of the html interface once the database has been populated
FAFNR	Authentic problem-based learning scenarios supported by learning objects In FAFNR	Daniel Tan	Creation of problem-based learning objects, either in WebCT or using our PBL tool. Department to decide on approach this semester
Engineering	Engineering/Architecture project	Tim Wilkinson	Nature of project depends on outcome of project presently being conducted.

Appendix 2c- Humanities and Social Sciences Cluster Strategic projects 2008 summary

Project	Faculty	Academic/s in charge	Summary
BDST6905 – Healing in Buddhism	Arts	Jay Johnston	Development of an online unit in WebCT from supplementary to blended mode.
Contemporary Rhetoricians – The ENGL1000 project (phase two)	Arts	Rebecca Johnke & Susan Thomas	Enhance WebCT unit with multimedia and activities.
Migration of sites from Blackboard to WebCT	Arts	Marie-Therese Barbaux	Assist with migration of Government and Political Science units of study from E& B to Arts
Legal Research Online	Law	Patrick O’Mara	Enhance the LAWS1013 & LAWS1019 sites in WebCT. i) Four new online tutorials ii) Adapt the content for general use & create a 3 rd site
Resource of Accounting Systems Case Studies for Student Reference in ACCT6014	E & B	Gary Oliver	Improve aspects of the course that were less successful using eLearning where possible – discussion, presentation & report writing - understanding of business functions - framework for posting and retrieving case study activity - repository of case-studies
Project Management, Work and Organisational Studies	E & B	Susan Ainsworth & Dimitria Groutsis	Design and create online unit of study in Blackboard. Unit will contain online case-studies requiring groupwork
Entrepreneurship and Innovation Audio-based Teaching and Learning	E & B	Richard Seymour	Review of content – assistance with sequencing and chunking.

Enhancement of Existing eLearning Site SCWK6920: Mental Health Practice Standards	Education & Social Work	Zita Weber & Barbara Fawcett	Improve the functionality of existing UoS in WebCT. Develop appropriate delivery & management strategy.
Enhancing Learning Opportunities in Field Education in Social Work	Education & Social Work	Jude Irwin & Ros Giles & Denise Lynch	Develop strategies to improve the communication and incorporate field educators into the existing WebCT site. Incorporate online learning portfolio. Develop appropriate delivery & management strategy.
2008 & 2009 Conservatorium of Music New Degree in Music Education Program – utilizing WebCT to enhance professional experience and education coursework	Conservatorium of Music	Sharon Tindall-Ford and Jennifer Rowley	1) Further develop the Professional Experience site in WebCT. Develop strategy for incorporating supervisors into the site. Improve the reflective journal activity. 2) Integrate Professional Experience with materials from Music Education
Guidelines for presentation slides within an academic context	Conservatorium of Music	Matthew Hindson	Create/source existing materials that will comprise a set of guidelines for the use of slides to accompany oral presentations by students
Development and assessment of enhanced audio files and related activities to be used in a blended unit of study	Conservatorium of Music	Matthew Hindson	Assist with educational design of enhanced audio presentations for students. Design assessment activities. Develop strategies for motivating students to use the audio presentations. Design evaluation and analyse and write up data.
Online MusTech Website stage II	Conservatorium of Music	Donna Hewitt	Write 'live vs studio recording' & 'microphone placement' sections of the 'Sound recording' module of the MusTech site.