

1. Course Development and Delivery

Goal 1A. Staff will be hired or re-assigned to create a course development production team to meet the course design and development needs of the project.

Goal 1B. 99 new courses, which in part, support the project degree programs, will be developed using these funds.

Goal 1C. All distance education courses, regardless of modality, will have a Web component for marketing and communications between instructor and students.

Goal 1D. Investigate the use of commercially available asynchronous (e.g., Web) course development, management and delivery tools. Funding from this allocation may be used to have courses developed into Web based courses using a commercial developer and to test the viability of this approach for other program development within the university without having to greatly expand the course development and technical staff.

Goal 1E. Develop an assessment tool to evaluate all project courses, regardless of delivery modality, for effectiveness. This tool will check student satisfaction with the technology and methods used as well as retention of information.

Summary

Goal 1A. Course Development Production Team Staff

Since the initiation of this project in 1999, a course development and production team was created with the collaboration of OSU Information Services – Communication Media Center. Funds were transferred to the Informational Services (IS) Department for individual salaries of personnel that would support the course development processes and production team.

What has been learned from this intra-unit collaborative effort is that maintaining a cohesive DE course development team under a collaborative agreement between different units (i.e., OSU Information Services – Communication Media Center) has been somewhat problematic and difficult to manage. To improve coordination and to meet the current needs, OSU Extended Campus decided to hire the individuals needed to create the DE course development team and have these individuals report directly to supervisors in OSU Extended Campus. Other services needed by the DCE course development team that are not provided by DCE employees are now “outsourced” or purchased as work for hire from other OSU service providers or outside agencies.

With a flatter structure and more focused positions, the current course development production team consists of:

- Director of Project Development and Training
- Project Manager (1.0 FTE)
- Faculty Development and Training Associate (1.0 FTE)
- Interactive Media Design Specialist (1.0 FTE)
- Graphics/Media Designer (.33 FTE)
- Student Assistants

Goal 1B. Development of 99 New Courses

The goal of this project area is to build four distance-delivered baccalaureate completion programs and four distance-delivered Master’s degree programs with sufficient distance-delivered courses to meet the needs of these programs. This goal calls for a comprehensive long-term strategy for efficient course development. Table 1 below shows the distance education degree programs developed and implemented as a part of this project.

Table 1. Distance Education Degree Programs

Programs	Majors
Undergraduate Degree	Liberal Studies
	Natural Resources
	Environmental Sciences
	General Agriculture
Graduate Degree	Nutrition and Food Management
	Teacher Preparation
	Counselor Preparation
	Adult Education

Tables 2 and 3 respectively show the enrollment data for the undergraduate and graduate degree programs. During this reporting period (i.e., 2001-2002), the degree programs offered as a result of this project have experienced consistent student enrollments. In the graduate degree programs, the total number of student enrollments has increased significantly since last year. The enrollment data also shows that both program levels, undergraduate and graduate, have statewide, nationwide, and even worldwide geographically located students working towards these degrees.

Table 2. Enrollment Data of Undergraduate Programs

Majors	Enrollment by Locations						Total
	Central Oregon	Willamette Valley (excl. Corvallis)	Corvallis	South Coast	Other Locations in Oregon	Outside Oregon	
General Agriculture	0	3	1	0	1	6	11
Environmental Sciences	3	6	1	1	3	10	24
Liberal Studies	28	20	0	10	10	10	78
Natural Resources	3	5	1	2	17	34	62
Total	34	34	3	13	31	60	175

It should be noted here that since this year's reporting period, OSU Extended Campus has improved its ways in tracking distance education student enrollment data. Through cooperation and integration with OSU student service offices and academic departments is allowing the OSU Extended Campus to accurately count students who are admitted to the university and have declared their major as being delivered via distance education. Putting this new system in place has resulted in our reporting more accurate data/numbers.

During this reporting period, new DE courses accounted for 408 student enrollments in the eight (8) OSU distance degree programs. 175 students were enrolled in the four DE undergraduate programs. In the graduate degree programs in particular, student enrollments doubled last year's figure to 233 students this year.

Table 3. Enrollment Data of Graduate Programs

Majors	Enrollment by Locations						Total
	Central Oregon	Willamette Valley (excl. Corvallis)	Corvallis	South Coast	Other Locations in Oregon	Outside Oregon	
**Nutrition and Food Mngmt.	0	1	0	0	0	5	6
Teacher Preparation	4	30	18	2	8	0	62
Counselor Preparation	3	18	5	3	11	0	40
Adult Education	10	56	15	10	30	4	125
Total	17	105	38	15	49	9	233

**Note: The NFM degree is currently suspended, as the College which represents this program, is being merged with the College of Health and Human Science. Therefore, these latest enrollment figures are students currently in the "pipeline" and finishing the degree program. No new students are being accepted into this program at this time and the program is being evaluated for potential continuation in the new "merged" College.

As a part of designing and developing the undergraduate and graduate degree programs, OSU Extended Campus set a goal to create ninety-nine (99) new distance education courses. Seventy seven (77) new courses were developed

during the first two years of the project (July 1, 1999 – June 30, 2001) and thirty eight (38) new courses were completed during the third year of the project (July 1, 2001 – June 30, 2002) adding up to a three year total of one hundred and fifteen (115) courses. The 38 new courses consist of: 26 courses which were started during this third year, and another 12 new courses, which were started in 2001. An additional eleven (11) courses are currently in development, which will bring the total number of DE courses developed to one hundred and twenty six (126) courses, exceeding the initial projection of 99 courses.

Table 4 summarizes the DE course development activities since 2000 (i.e., the first year of the project).

Table 4. Course Development Summary

		Year 1	Year 2	Year 3	Total
Number of Course Development started		28	63	37	128
Number of Course Development completed	(in the year)	24	53	26	115
	(from prior year)	-	2	10	-
Course Development in-progress		4	10	11	11
Course Development cancelled		-	2	-	2

In the first year, 28 new courses were started and 24 of them were completed. In the second year, 63 new courses were started and 53 were completed. In the third year (this reporting period), 37 new courses were started and 26 were completed. In addition, 10 courses were carried over from year 2, and 2 courses from year 1. Over the first three years of this project, 115 new distance education courses have been developed and are now a part of the distance degree inventory. Eleven (11) courses are currently in development and approximately 40 new courses are in various planning phases.

Table 5 below details all 37 new courses developed this year and their enrollment data. The total student enrollment on the new courses was 560 (2001 only).

A course-degree matrix has been developed to show the relationship of each course developed with the degree programs it supports. The matrix is important for OSU Extended Campus to systematically identify the current degree program gaps, providing directions, and creating priorities for new courses to develop and bring online. The course-degree matrix for this reporting period is shown in Table 6. At this time, the matrix only represents the undergraduate degrees and courses.

Table 5. Courses Developed in Year 3 and Enrollment Data

Course #	Course Title	Credits	Delivery	Enrollment per Term				Sub Total
				F'01	W'02	Sp'02	Su'02	
ANTH 430*	Topics in Archeology: Oregon Archeology	3	Bb				19	19
AREC 260*	Introduction to Environmental and Resource Law	2	Bb, Video, ITV	8	9	7		24
AREC 353*	Public Land Statutes and Policy	4	Bb, Video		8	9		17
AREC 388*	Agricultural Law	3	Bb, Video, ITV	3				3
AREC 461*	Agricultural & Food Policy Issues	4	Bb, Video		1			1
Bi 399, FS 499/599	Issues in Agricultural & Natural Resources Biotechnology	3	Bb					
BOT 440/ 540*	Field Methods in Vegetation Science	4	Bb, Web				14	14
BOT 479*	Science & Tech. in Soc. Context	3	Bb			10		10
CH 390 v2	Environmental Chemistry	3	Bb	6	3	2	25	36
COMM 321*	Intro. to Communication Theory	3	Video	13	13		20	46
COMM 412	ST: Comm. & Interviewing	3	Bb					
COMM 432/532	Gender and Communication	3	Bb					
CS 372*	Intro. to Comp. Networks	4	Bb, Web			3		3
CSS 499/599	Water & Watersheds/Soil Quality	3	Bb, Video			13	22	35
ENG 320	American Drama	3	Bb					
ENG 374*	Modern Short Story	3	Bb, Web			30		30
ENG 402*	Independent Study	1-16	Bb, Web					
FOR 352*	Wilderness Management	3	Bb, Video			24		24
FOR/RNG/FW 446	Wildland Fire Ecology	3	Bb, Web, Video					
FW 311*	Biology of Birds	3	Bb, Video, Web	17		13	15	45
FW 340*	Multicultural Perspectives in NR	3	Video					
GEO 301*	Map and Image Interpretation	4	Bb, Web, Video	16				16
HST 368*	History of Lesbian-Gay Movements	3	Bb	9		10		19
HST 391*	East Asia: History & Culture of China, Japan, and Korea	3	Bb	14		15		29
HST 392*	East Asia: History & Culture of China, Japan, and Korea	3	Bb				15	15
HST 394*	Modern Japan: A Cultural History	3	Bb					
HST 494*	Modern Japan: A Cultural History	3	Bb			7		7
HSTS 470/ 570*	Ecology & History: The Columbia Basin	3	Bb, Video, ITV			4		4
LS 406*	Projects: Classroom Volunteer	1-12	Bb	20		15	18	53
LS 410*	Internship	1-16	Bb			6	19	25
NFM 216	Food in Non-Western Culture	3	Bb, Web					
PS 415/ 515*	Politics and the Media	4	Bb, Web				10	10
PS 474/574	Bureaucratic Politics/ NR Policy & Bureaucratic Politics	4	Bb, Web					
SOC 312	Sociology of the Family	3	Bb, Web					
SOC 380	Giving and Voluntarism	4	Bb, Web					
WR 341	Poetry Writing	3	Bb					
WS 223*	Women: Self and Society	3	Bb, Web	4	21	18	20	63
WS 450*	Eco-feminism	3	Bb	5			7	12
							Total	560

* Completed; Bb - Blackboard; ITV - Interactive Television

Table 6. Year 3 Course-Degree Matrix

Course #	Course Title	Degree			
		LS	NR	ES	GA
ANTH 430*	Topics in Archeology: Oregon Archeology	RM			
AREC 260*	Introduction to Environmental and Resource Law		SO/RO	RM	RM
AREC 353*	Public Land Statutes and Policy			SO	RM
AREC 388*	Agricultural Law			PR	RM
AREC 461*	Agricultural & Food Policy Issues		PR		RM
Bi 399, FS 499/599	Issues in Agricultural & Natural Resources Biotechnology				
BOT 440/ 540*	Field Methods in Vegetation Science		SO	RM	
BOT 479*	Science & Tech. in Soc. Context		SO	RM	
CH 390 v2	Environmental Chemistry				
COMM 321*	Intro. to Communication Theory	RM	SO		
COMM 412	ST: Comm. & Interviewing				
COMM 432/532	Gender and Communication				
CS 372*	Intro. to Comp. Networks				
CSS 499/599	Water & Watersheds/Soil Quality				
ENG 320	American Drama				
ENG 374*	Modern Short Story	RM			
ENG 402*	Independent Study	RM			
FOR 352*	Wilderness Management		RO	SO	
FOR/RNG/FW 446	Wildland Fire Ecology				
FW 311*	Biology of Birds		RO		RM
FW 340*	Multicultural Perspectives in NR		SO/RO		RM
GEO 301*	Map and Image Interpretation		SO	SO	
HST 368*	History of Lesbian-Gay Movements	RM			
HST 391*	East Asia: History & Culture of China, Japan, and Korea	RM			
HST 392*	East Asia: History & Culture of China, Japan, and Korea	RM			
HST 394*	Modern Japan: A Cultural History	RM			
HST 494*	Modern Japan: A Cultural History	RM			
HSTS 470/ 570*	Ecology & History: The Columbia Basin	RM	SO		
LS 406*	Projects: Classroom Volunteer	RM			
LS 410*	Internship	RM			
NFM 216	Food in Non-Western Culture				
PS 415/ 515*	Politics and the Media	RM			
PS 474/574	Bureaucratic Politics/ NR Policy & Bureaucratic Politics				
SOC 312	Sociology of the Family				
SOC 380	Giving and Voluntarism				
WR 341	Poetry Writing				
WS 223*	Women: Self and Society	RM			
WS 450*	Eco-feminism	RM	SO		

Legend:

* Completed

LS – Liberal Studies

NR – Natural Resources

ES – Environmental Science

GA – General Agriculture

RM – Required for Major

RO – Required Option

SO – Specialty Option

PR – Pending Review

(by Program Leader)

Goal 1C. Web Components for All DE Courses

During this project-reporting period, the OSU Extended Campus worked cooperatively with the Information Services (IS) unit to migrate all distance education courses into a web environment. The available and centrally supported web instructional system at OSU is Blackboard. The distance education team also maintains an instructional server with on-line tools used by OSU faculty in WEB courses (listservers, threaded discussion forums, on-line test courseware, on-line gradebooks, audio servers, etc).

OSU Central Computing currently maintains, operates and supports Oregon State University's installation of the Blackboard Teaching and Learning portal. The Blackboard 5.5.1 Level 3 installation went into production for the Fall 2001 term. A course site is created and available for every OSU course listed in Banner/Schedule of Classes. Instructors have activated 906 class sites for Fall 2001 through Spring 2002 terms with a total of 36,305 enrolled users during the period (See *Table 7*). Blackboard access is given to every student, faculty and staff member who is listed in banner and has a valid ONID (login and authentication system) account. User, class loads, enrollments, and course catalog information are loaded into Blackboard from Banner/Schedule of Classes through a combination daily load and event driven processes.

Table 7. Blackboard Courses and Users

TERM	DATE STATISTICS TAKEN	ACTIVE COURSES	ENROLLED USERS*
Fall 2001	11/27/2001	230	9,546
Winter 2002	2/7/2002	318	12,948
Spring 2002	5/28/2002	358	13,811

*Enrolled users for current term counts every user enrolled in a course.

Goal 1D. Commercially Available Asynchronous (e.g., Web) Course Development, Management and Delivery Tools

As a result of this project, OSU has implemented a new enterprise-wide e-Learning Portal System. This portal system is fully integrated with the OSU database information system (i.e., Banner), and provides high level e-Learning capabilities, student services, and administration services to distance-education students in an equivalent capacity to campus-based students. To achieve this, the University, under the leadership of the OSU Extended Campus and Information Services, has implemented an enterprise-wide portal systems for e-Learning. An institutional-wide decision was made to use Blackboard 5.5 Level 3 Enterprise-wide Portal and e-Learning products and integrate them with the current OSU student information system. The portal system now integrates OSU (both on-campus and Extended Campus) web-delivered e-Learning and administrative support systems such as admissions, records, and student information databases.

Goal 1E. DE Assessment Tools

This project area also calls for a comprehensive long-term strategy for efficient course development and assessment. The course production team, consisting of a multimedia educational design specialist, analyst programmer and a streaming media specialist, created this strategy. A website for course development and guidelines has been created, improved, and updated over time. This website contains comprehensive documents providing colleges, departments, instructors, and staff with up-to-date information, links, requirements, and addresses other issues regarding development and delivery of programs and courses sponsored by OSU Extended Campus. This course development site is located at:

<http://osu.orst.edu/instruct/dce/dce203/>.