

# Instructional Technology Resource Center

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## ITRC History

Idaho State University's Instructional Technology Resource Center (ITRC) was created in 1997 by Dr. Jonathan Lawson, Vice President for Academic Affairs. Idaho State Board of Education Technology Incentive Grant and ISU funding were used to equip the facility. The ITRC serves as a resource for faculty and staff in all areas and disciplines. Services such as the Center for Teaching and Learning (CTL), Educational Technology Services (ETS), and the Information Technology Services (ITS) provide the foundational support for the ITRC. The primary goal of the ITRC is to provide faculty with access, ability, and confidence to use multimedia tools and new technologies in both traditional classroom and distance-learning environments.

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## Facility

The ITRC is comprised of drop-in, production/multimedia, and training labs. The latest in computer technology recourses provide faculty with advanced teaching tools designed to fit with the instructional goals of their course and learner's needs. Many of the ITRC supported services provide faculty with instructional technology tools for both traditional classroom and distance-learning environments. The ITRC has two physical areas for computer training and support. One-on-one help is done in the ITRC drop-in and production lab area, while a dedicated lab is used for group instruction.

### Drop-in Lab and Production Lab

The computers in this area consist primarily of 7 Dell Optiplex GX270 Pentium 4 - 2.6Ghz machines and one Apple iMac. In addition, machines are equipped with the following main software applications:

- Windows XP Professional OS
- Adobe Creative Suite 3 Web Standard (Dreamweaver CS3, Flash CS3 Professional, Fireworks CS3, and Contribute CS3)
- Adobe Photoshop CS
- Microsoft Office 2007 - Word, PowerPoint, Excel, etc.
- Adobe Acrobat 7 (Full Version for creating PDF's)
- Internet Explorer
- Netscape
- Mozilla Firefox
- Respondus
- QuickTime
- RealOne Media Player
- Windows Media Player
- 7-Zip
- WSFTP

Also available are scan and print peripherals with both Windows and Apple operating systems in the ITRC production lab. Scanning and printing services include:

- Scan Maker 9600XL
- HP ScanJet ADF
- Polaroid Sprint Scan 4000 Slide Scanner
- Smart Board

In addition to the related peripheral devices, digital equipment is available for faculty checkout. This equipment includes the following:

- Epson PowerLite Multimedia LCD Projector
- Toshiba LCD Data Projector
- Sony DCR-PC100 Digital Video Cameras
- Aiptek DZ0-V37 (MPEG 4 Video Camera)
- Five Sony Mavica MVC-FD95 Digital Still Cameras
- Canon ZR800 Mini-DV Camcorder

## Training Lab

The training classroom consists of 15 Dell Optiplex GX620 Pentium 4 - 3.0 GHz computers. The computers run software based on specific faculty training needs.

Individualized and group training provide faculty members with a variety of services for software, hardware, and instructional design application. These events include:

### Acrobat

- Create Course Materials with Adobe Acrobat

### Instructional design

- Learning Objects

### Moodle

- Moodle ISU in Action
- Making the Switch
- Grading with the Moodle ISU Gradebook\*
- Adding Resources to Your Moodle ISU Course
- Moodle ISU "Hands-on" Lab
- Creating Tests in Moodle ISU
- Using Moodle ISU Forums
- QH: Moodle HTML Editor\*
- Backing up and Importing Course Content\*
- Adding Assignments to Your Moodle ISU Course\*
- QH: Posting a Syllabus in Moodle ISU\*
- Managing Files in a Moodle ISU Course\*

Equipment

- Digital Camera Basics
- Digital Video Basics
- Scanning Course Materials
- Teaching with a SMART Board™

Web Development

- Captivate
- Flash Basics
- Introduction to Adobe Presenter\*
- Introduction to Dreamweaver

Microsoft Excel

- Introduction to Microsoft Excel
- Grading with a Spreadsheet

Microsoft PowerPoint

- Converting PowerPoint Files to PDF
- Create Basic Presentations with PowerPoint\*
- Enhancing PowerPoint Presentations\*
- Poster Design with PowerPoint

General Topics and Training Events

- Copyright, Fair Use, and Teaching
- Moodle ISU in Action
- Moodle Camp

\*indicates workshops added or updated since July 1, 2008

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## About US

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## Full-time Staff

### *Ann Adamcik: LMS Administrator*

Ann Adamcik is a software engineer with over 18 years of experience in software development, user-interface design, and web technologies. Her responsibilities with the ITRC include implementation, support and customization of ISU's Learning Management System. Adamcik received a B.S. in Computer Science from Sonoma State University in California. She spent several years with Sun Microsystems developing desktop applications and contributing to the Mozilla Open Source project before relocating to Idaho and establishing a freelance business, IndigoPear Web Development. Adamcik is a champion for both the Open Source software model and Standards-driven web development.

### *Dr. Kregg Aytes: Faculty Coordinator of Instructional Technology*

Office: (208) 282-3983

Dr. Kregg Aytes is a faculty member in the Computer Information Systems Department in the College of Business. He has been at ISU since 1993. Aytes has a commitment to ISU and is interested in helping faculty improve student learning through the appropriate use of technology. He is interested in helping others find ways to collaborate more effectively.

### *Lori Cheezem: Instructional Designer*

Office: (208) 282-2502

Lori Cheezem provides instructional design consultation for the faculty at Idaho State University. Her main responsibilities include partnering with instructors in the design and conversion of face-to-face courses into online courses. Cheezem received her B.B.A. in Management from ISU and holds a Masters degree in Human Resource Development from Clemson University in South Carolina. In addition, Cheezem has experience creating both instructor-led and online classes for corporate and military consumers.

### *Lou Hong: Sr. Software/Hardware Instructional Technologist*

Office: (208) 282-2552

Lou Hong provides technical support for PC software, and associated peripherals in the ITRC, ETS, and Distance Learning Classrooms. In addition, he examines new technological trends and products for applicability in the ITRC. Hong's experience is in corporate and government workplace, providing comprehensive customer support to the end-user.

*Jared Schaalje: Instructional Technologist*

Office: (208) 282-4309

Jared Schaalje is a Senior Instructional Technologist at the ITRC. Prior to coming here, he worked in industry (primarily health-care) as a web-based instructional designer and developer. He holds 2 master's degrees - one in Instructional Technology and another in Instructional Design for Online Learning. Schaalje's primary interests are in developing high quality instruction in a short amount of time, building hands-on simulations that help learners acquire complex cognitive aptitudes, and constructing critical thinking test questions. He is very excited to be a part of the ITRC and ISU.

*Michael Spall: Senior Instructional Technologist*

Office: (208) 282-4557

Michael Spall, Senior Instructional Technologist is responsible for design, development, and production of curricular materials to support ISU faculty and staff. He has helped to maintain the LMS and other ITRC servers. Through his work in supporting the initial pilot of ISU eLearning initiatives, Spall has become actively involved in the Moodle community, helping resolve issues and contributing code. He also helps train faculty and staff in the use of educational technology and best practices in online content delivery.

*Randy Stamm: eLearning Coordinator*

Office: (208) 373-1744

Randy Stamm, eLearning Coordinator, provides leadership and direction for web-based distance education efforts at Idaho State University (ISU). He supports faculty with multimedia tools and new technologies in the traditional classroom and World Wide Web. Since 1997, he has supported faculty with instructional design support of web-based instructional technologies. Stamm is currently pursuing an Ed. D. in Educational Leadership with emphasis in Higher Education Administration/Instructional Technology. He received a M.Ed. in Instructional Technology and a B.A. in Mass Communication. Stamm has designed and developed several instructional design instruments including the WOWDOC, ACT, GAP and DOT design guides for ISU faculty facilitating distance education activities.

*Ana Thompson: Instructional Technologist*

Office: (208) 282-3954

Ana Thompson has over 10 years of experience in information systems, customer support, management, and over 4 years in online course design, creation and support. She is also a former Instructional Technology Assistant at the ITRC. Thompson oversees the ITRC lab area, supervising student employees, and works with the ITRC team in supporting online course delivery systems. She received an Associate of Science in Computer Science from Western Wyoming Community College, a Bachelor of Science in Business Information Systems and Management from Utah State University, and a Master of Science in Information Systems from the University of Phoenix, as well as training in system administration, help desk support, ecommerce, videoconferencing, and database management. Thompson was previously employed by the ISU Credit Union's IT department as the Systems Operator, and by Western Wyoming Community College as the Internet Course and Videoconferencing Specialist.

## Technology Production Assistants

Erick Curtis

January 2007 - Present  
curteric@isu.edu

Michael Hotrum

March 2007 - Present  
hotrmich@isu.edu

Brent Hutchins

September 2005-Present  
hutcbren@isu.edu

Ali Khan

October 2007-Present  
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John Lovelace

January 2005 - Present  
lovejohn@isu.edu

Natalie VanLeuven

May 2007 – December 2007  
edmonata@isu.edu

Lydia Warth

November 2005 - Present  
kendlydi@isu.edu

## Instructional Technology Assistants

Gina Gilot

May 2005 - Present  
gilogina@isu.edu

Ben Hazlett

June 2007 – May 2008  
hazlbenj@isu.edu

Erica Miyasako

June 2007 – Present  
miyaeric@isu.edu

Mansoor Raza

December 2005 - December 2007  
razamans@isu.edu

## Grants

### ISU's TIGs –Individual Support Initiatives

2007 to 2008

State Board of Education's Idaho Technology Incentive Grant (ITIG) was separated into individual grants. The ITRC received funding and provided project support for the following departmental granting opportunities:

- Business/CIS – Virtual World for Faculty and Student Interaction
- Business/Marketing – Learning in “Second Life”: The Ultimate Business Simulation Class
- Engineering – Expanding the Capabilities of the College of Engineering through the Addition of 3D Solids Modeling Component
- Dental Hygiene – Implementing Digital Radiology Technology Into Classroom and Clinical Teaching Settings
- Math – WILDEST: Workshop-Integrated Learning for Dual Enrollment Statistics Teachers
- Mass Communication –Digital Field Production Suite
- CSED – Asynchronous Pre-professional Track in Speech-Language Pathology and Audiology: Lifetime Perspectives
- Business/Finance – Financial Information Center Digital Displays
- Counseling – Landro Enterprise Play Analyzer System

These projects involved the ITRC at some level, particularly in the instructional design and course development process.

### ISU's eLearning Project Initiative – Year 2

2006 to 2007

State Board of Education's Idaho Technology Incentive Grant (ITIG) eLearning Project Initiative (Year 2) was separated into individual grants. The ITRC collaborated with several departmental TIG eLearning project initiatives:

- Dental Hygiene - Integration of the E-Portfolio into the Health Professions Curriculum to Enhance Student Learning
- CSED – Asynchronous Paraprofessional Track in Speech language Pathology –Y3
- PT/OT – Physical Therapy Clinical Management eLearning Project

Individual grants focused on instruction in the health professions, new and continuing General Education goal classes, and mission-critical courses arranged in fully online and hybrid formats. Additionally, the eLearning Project accepted proposals that apply effective instructional design concepts and approaches to enhance teaching and learning in face-to-face and hybrid instructional settings.

The ITRC received funding through the TIG for direct support of course redesign, development, and production activities. These projects are assumed to involve the ITRC, particularly in the instructional design and course development. All eLearning projects have developed outcome and assessment practices consistent with curricular and program goals. Project participants took part in periodic seminars designed to share insights and showcase effective approaches.

## ISU's eLearning Project Initiative

2005 to 2006

State Board of Education's Idaho Technology Incentive Grant (ITIG), eLearning Project demonstrated how courses will employ instructional technology to:

- significantly enhance the student learning experience and improve student access (whether in online, hybrid and/or face-to-face teaching environments),
- demonstrate effective outcome, assessment, and program review practices,
- attract and retain students, and
- develop curricular approaches and teaching strategies that support the sustainability of the technology-strengthened courses beyond the term of the grant.

The grant focused on instruction in the health professions, new and continuing General Education goal classes, and mission-critical courses arranged in fully online and hybrid formats. Additionally, the eLearning Project accepted proposals that apply effective instructional design concepts and approaches (to include those developed through previous TIG and/or TMII grants) to enhance teaching and learning in face-to-face and hybrid instructional settings.

The ITRC received funding through the eLearning Project for direct support of course redesign, development, and production activities. These projects are assumed to involve the ITRC, particularly in the instructional design phase. All eLearning projects have developed outcome and assessment practices consistent with curricular and program goals. Project participants took part in periodic seminars designed to share insights and showcase effective approaches.

## Virtual Idaho Museum of Natural History

2004 to 2006

The ISU Educational Technology Services, the ITRC, and the Idaho Museum of Natural History (IMNH) obtained second year funding to continue the development of the Virtual Idaho Museum of Natural History (VIMNH). This will entail virtualizing selected specimens held in the IMNH collections and pieces from other departments; especially those oriented towards enhancing teaching.

The grant has provided funding for the purchase of scanning technology and for the development of a laboratory allowing the digitization of three-dimensional objects; including bones, fossils, and artifacts. Current resources include high-level software packages for three-dimensional modeling and data editing, two laser scanners, and a Microscribe articulating

arm digitizer. From May 2005 through August 2006 a large number of specimens from various collections will be digitized and edited to produce very high-quality virtual reproductions.

These models will be archived for preservation and immediate use in research, exhibition, and education. The Virtual Idaho Museum of Natural History will be available on the Internet to facilitate its adaptation to school curricula by allowing instructors to download virtual objects for classroom use. Receipt of this grant is expected to provide opportunities for future funding relating not only to this project, but the application of this technology within ISU and in the region as a whole.

## ISU's Gateway Initiative

2002 to 2005

State Board of Education's Idaho Technology Incentive Grant (ITIG)

This grant was designed to strengthen gateway courses, increase the level and ability of knowledgeable, professional assistance in both the design and production stages of technology-enhanced course development. The grant was to develop a mechanism that defines and seeks to maintain appropriate levels of support and assistance for the upkeep and delivery of gateway and other technology-enhanced courses.

The ITIG funds were used to help faculty conceptualize, design, test, and implement technology-strengthened gateway courses. Individual projects were proposed by host departments and involved several faculty. Projects progressed through three phases of development with each phase lasting about one year. The emphasis was on quality, rather than quantity and special attention was given to sound instructional design principles. <http://www.isu.edu/departments/acadaff/tig4all.pdf>

## ISU Course Design and Production

2000 to 2002

State Board of Education's Idaho Technology Incentive Grant (ITIG)

The Faculty Internship program in the ITRC was funded, in part, by an SBOE Technology Incentive Grant. The internships were designed to help individual faculty further their knowledge and skills as it relates to technology and learning, and to promote the expansion of technology use throughout the University. In addition, the grant supported the development of a production lab for focused course projects in the ITRC.

## ISU Technology Mediated Instruction Initiative (TMII)

2000 to 2004

The goal of this initiative was to assist in faculty and curriculum development. Specifically, the initiative explored and developed ways to effectively integrate technology into teaching and learning. By assisting faculty in creating and using technology-enhanced curricular resources, TMII projects serve an exploration into and a foundation for future directions in integrating technology into the learning environment at Idaho State University.

Through a proposal review process, TMII was designed to award a limited number of grants to investigators seeking help in exploring and developing ways to apply computer technology in teaching and learning. Projects show how students and the academic program will benefit from funding, and must be specific in scope and application by addressing a significant need or innovation. Projects included creating interactive exercises for a course, converting videos to digital media for integration into a course, or digitizing slides and placing them on the Internet.

### **Bridging the Chasm: Idaho Consortium for Educational Technology**

1997 to 2000

Bridging the Chasm was the State Board of Education's Idaho Incentive Technology Grant Program. Partial funding for the ITRC came from the Bridging the Chasm Grant and other funding from the Academic Vice President's office (Dr. Jonathan Lawson).

### **ACTRIG (CSAC) Supplemental Academic Computing Fund**

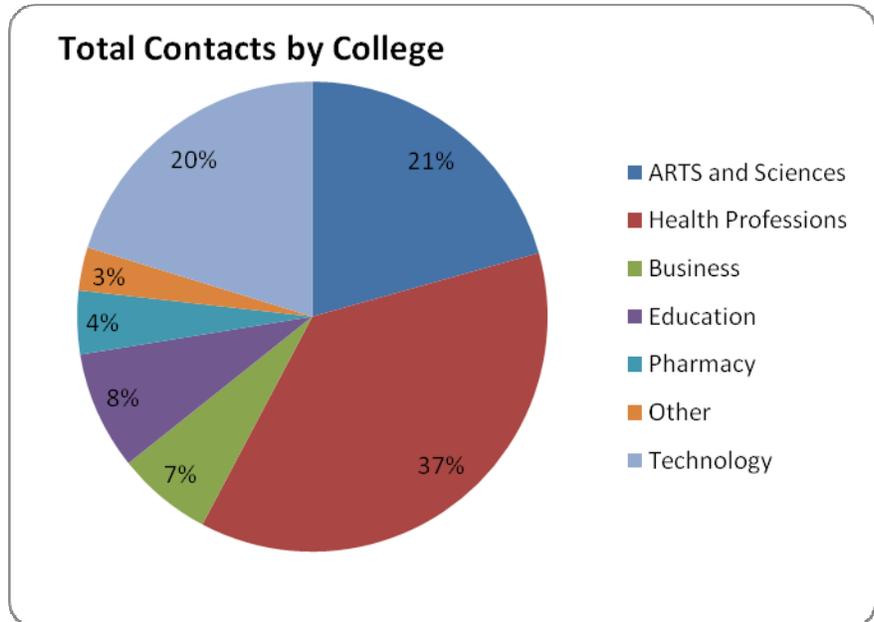
1995 to present

The Supplemental Academic Computing Fund was created for the primary purpose of ensuring every ISU faculty member has a computer available on her/his desk. However, peripheral equipment is also eligible if it is needed to support ISU office-type responsibilities of faculty. Beck and Stamm of ETS/ITRC are members of the Computer Systems Advisory Committee and participate in the selection of recipients for this award.

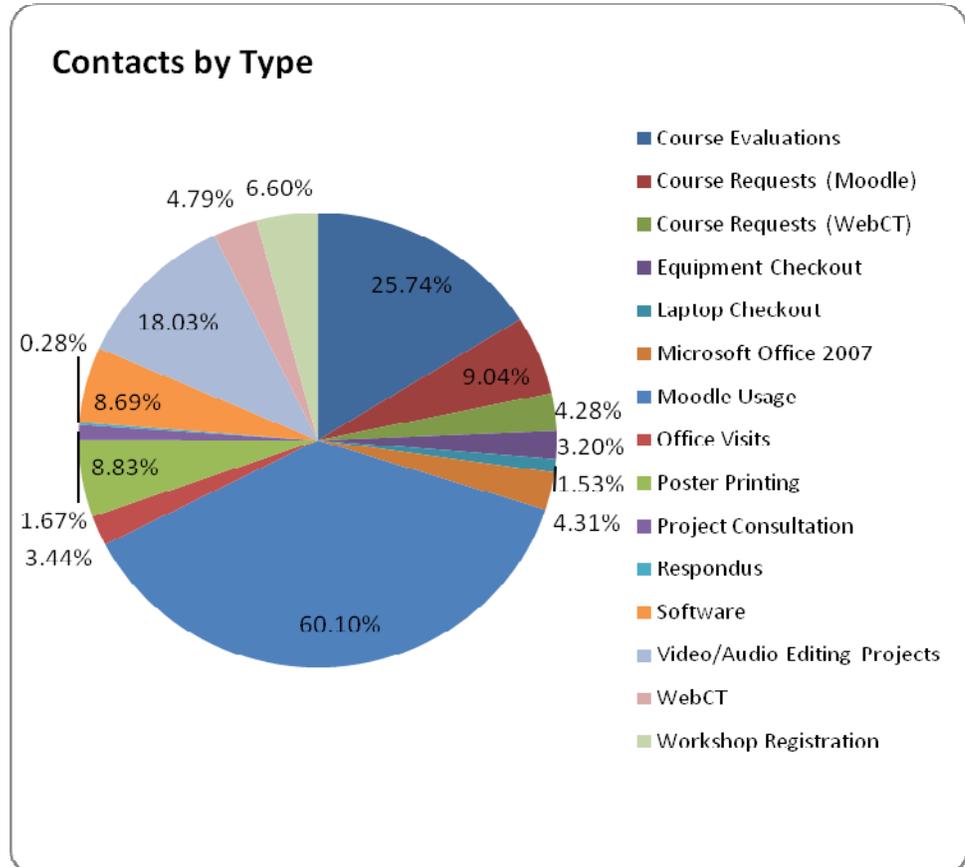
## Facility Usage

### Contact Log

An electronic faculty contact log was created and activated for ITRC staff usage. The contact log tracks faculty information, duration of contact, type of contact, and issues addressed in the contact. The following charts summarize the type of contacts made.



In addition to the faculty contact logs, a sign in sheet is available for faculty when they come into the labs for independent work. A total of 655 faculty members used the sign in sheets upon entering the ITRC labs.



## WebCT Usage

A total of 402 WebCT and 717 Moodle course sites were used during the fall semester 2007 and 189 WebCT and 1,290 Moodle courses were used during the spring semester 2008. An estimated total of 20,616 student seats were occupied in the fall 2007 semester and 17,226 student seats in the spring 2008 semester. This spring 2008 represents a 35% increase in student seats since spring 2007. The proportion of course sites and student seats are separated by colleges in both WebCT and Moodle semester listings.

### Total Offerings by Semester and System (WebCT)

College	Spring 2008		Fall 2007		Spring 2007	
	Courses	Student Seats	Courses	Student Seats	Courses	Student Seats
Arts and Sciences	66	3215	101	4329	328	5988
Health Professions	93	181	39	1186	141	2574
Business	2	73	17	257	34	621
Education	7	132	40	506	80	1460
Engineering	0	0	4	79	11	201
Pharmacy	0	0	1	0	3	55
Technology	21	396	79	226	105	1917
Other	0	0	4	0	4	73
<b>Total</b>	<b>*189</b>	<b>**3,997</b>	<b>*285</b>	<b>**6,583</b>	<b>*706</b>	<b>**12,888</b>

### Total Offerings by Semester and System (Moodle)

College	Spring 2008		Fall 2007			
	Courses	Student Seats	Courses	Student Seats		
Arts and Sciences	701	8575	330	8281		
Health Professions	117	2076	122	2080		
Business	60	1061	54	1054		
Education	105	3656	5	4112		
Engineering	35	684	10	699		
Pharmacy	6	588	5	446		
Technology	215	5900	150	6454		
Other	51	22	41	22		
<b>Total Distinct</b>	<b>*1,290</b>	<b>**13,229</b>	<b>*717</b>	<b>**14,033</b>		

\*Course totals indicate unique active courses utilizing Learning Management System.

\*\* Student Seat totals are based on average class size as calculated by the Department of Institutional Research.

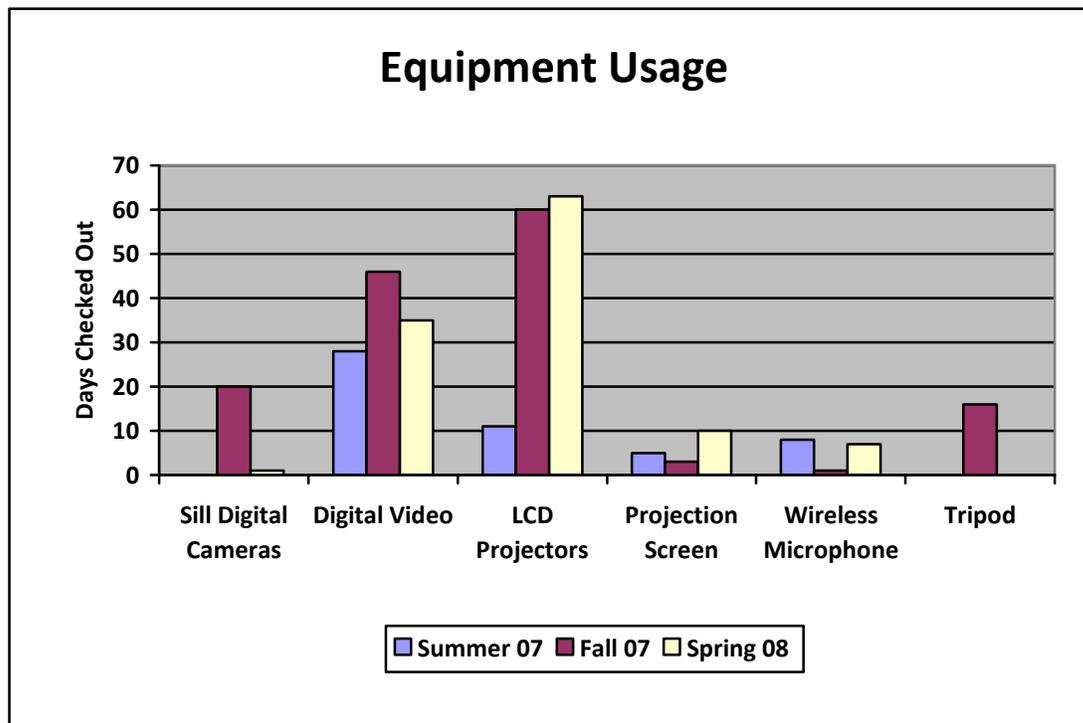
### Course Category

Type	Semester	Course Numbers
Fully Online	FALL 2007	*43
Online Components	FALL 2007	*674
TOTAL		*717
Fully Online	SPRING 2008	*51
Online Components	SPRING 2008	*1239
TOTAL		*1290

\*Course totals indicate unique course numbers (e.g. SOC101) utilizing WebCT.

### Equipment Checkout

The ITRC provides equipment to ISU faculty and staff for single-use instructional events. The following graph depicts the amount of equipment usage from the summer 2007, fall 2007, and spring 2008 sessions.



In addition to the digital equipment available for faculty checkout, the ITRC is responsible for providing 20 wireless mobile laptops, which may be checked out to faculty. Faculty members have been using the laptops for use in their classroom for test taking and other instructional applications. The wireless mobile lab was introduced in the fall, 2003 semester as an experiment. During the 2007-2008 academic year, a total of 158 laptops were checked out for a total of 85 days. This lab has been identified as unreliable and out of date. For this reason, the ITRC has removed this service.

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## Projects/Partnerships

The ITRC undertakes instructional technology and design projects in direct partnership with instructors and departments to provide technical expertise, and allowing faculty members to focus on content rather than becoming technology experts in their own right. The ITRC works to achieve a balance between enabling instructors' use of current technologies and freeing them to take advantage of instructional technology's to advance teaching and research.

### MoodleISU Project

After a two-year investigation and course migration process, ISU successfully replaced WebCT with Moodle ISU. Moodle ISU is a tailored version of the open-source learning management system Moodle. It supports web-based activities for traditional, blended, and online learning environments. In addition, Moodle ISU offers a wide array of features to support innovative pedagogy for student-centered and active learning teaching methods, which encourages the use of social constructivism.

Moodle training and support resources have expanded this last year to include several new workshops and new handouts to support faculty with Moodle ISU specific tools. The ITRC has already created eight new workshops this past year focusing on grading, importing content, and forums. Documentation for these workshops has also been created and posted on the ITRC website. The ITRC will continue to improve resources and develop new training opportunities for faculty with focus on pedagogy and technology efficiency.

The ITRC continues to work with its Moodle Faculty Advisory Board (MFAB) to expand the usability of Moodle ISU. This past year, ISU utilized the support of Moodlerooms™ to generate an internal email tool and enhanced gradebook options as recommended by the MFAB. The ITRC will use the 2008-2009 academic year to improve usability of the Moodle ISU environment through enhancements to the email and forum tools.

ISU has been recognized as an active participant in the Moodle community with emphasis on making the switch from WebCT/Blackboard to Moodle. Several institutions have been in contact and have requested time to talk about our decision and transition to Moodle. The following institutions have contacted the ITRC:

- **Carroll College** – Dan Case, Helena, MT, July, 2007. Visited to ISU's Campus with four other faculty and staff.
- **ACS Government Solutions**– Michael Sturniolo, Dallas, TX, July, 2007. Email exchange about Moodle configuration.
- **State University of New York at Delhi** - Clark Shah-Nelson, Delhi, NY, August, 2007. Email Contact.
- **Colorado State University: Global Campus** – Fort Collins, CO, November, 2007. Phone conversation about migration and performance.

- **Prescott College** - Jan Kempster, Prescott, AZ, December, 2007. Asking about Moodle migration efforts.
- **Casper College** - David Siemens and Michael Woodhead, Casper, WY, December, 2007. Email exchanges about Moodle migration process, performance, size, and course development.
- **ABQ Health Partners** - Vince Padilla, Albuquerque, NM, December, 2007. Phone conversation about Moodle LDAP authentication
- **Ohio State University** – Clayton Funk, Columbus, OH, January, 2008. Email about Moodle migration process.
- **LearnKey, Inc.** – David Clemons, Boise, ID, February, 2008. Email and Meetings in Boise. Moodle integration idea with LearnCast system.
- **Central Wyoming College** – Donna Olsen, Riverton, WY, April, 2008. Visit to campus with Beth Gray, a faculty member about supporting Moodle implementation.
- **Flathead Valley Community College** - Kirsten Pevey, Kalispell, MT, April, 2008. Email contact with interest in Moodle hardware and performance.
- **Pocatello SD-25** - Bill Rassmussen, Pocatello, ID, April, 2008. Phone call discussing Moodle for the local school district.
- **Panola College** - Tina Duncan, Carthage, TX, April, 2008. Emailed about using information in the ITRC Moodle reports.
- **York University** - Renu Bala Kumar, Toronto, CA, May, 2008. Email MoodleMoot discussion and questions about the email module.
- **Weber State University** – Luke Fernandez, San Francisco, CA, June, 2008. Visited at TTX and San Francisco Moodle Moot about Moodle integration.
- **City College of San Francisco** - Mary Parke, San Francisco, CA, June, 2008. Discussion on the eMail plug-in at the San Francisco Moodle Moot.
- **Western Washington University** - John Farquhar, Bellingham, WA, June, 2008. Phone conversation about Moodle migration from WebCT to Moodle.

## Course Projects

- **DENT198P, DENT605, and DENT648.** The ITRC Senior Instructional Technologist, Jared Schaalje, works with the Dental Hygiene department to support online courses for the distance education master's degree program. Schaalje has continued to work with Dental Hygiene faculty (primarily Linda Boyd and Ellen Rogo) to redesign and develop their online courses in Moodle ISU. Schaalje worked with Rogo to design and develop graphics, quizzes, forums, resources to Microsoft training, and other course activities in the DENT 198P Dental Hygiene Orientation course. Schaalje also taught a live seminar to the online students during the orientation in August. All other Dental Hygiene courses (graduate and undergraduate) that utilize online components either in full or in part, were migrated from WebCT to Moodle. This migration involved significant re-design and update of existing courses such as DENT 605 and DENT 648.
- **CIS 101 (Lecture and Lab) Fall 2007 and Spring 2008.** Schaalje completely designed and built this course from scratch. This course included multiple resources to videos, many drill/practice activities to memorize a long list of information technology

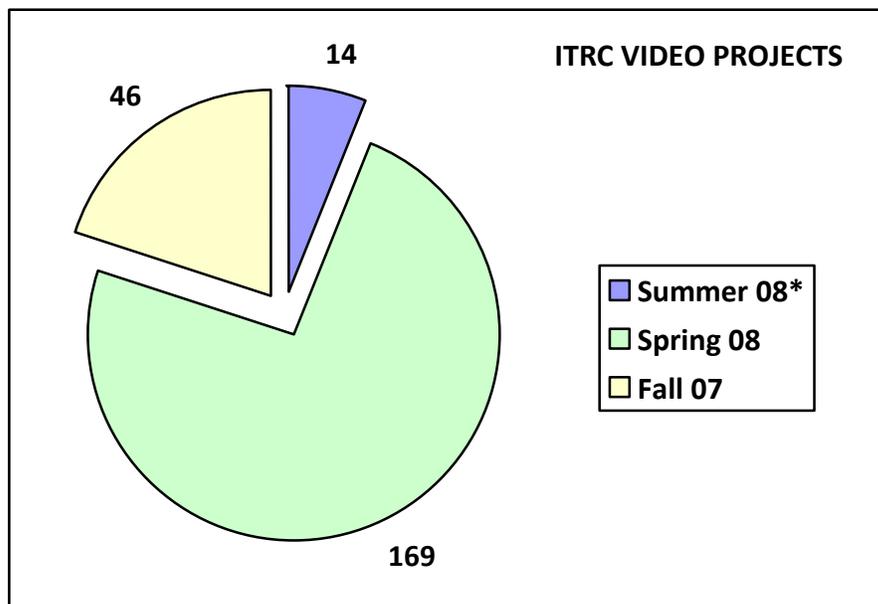
vocabulary, as well as forums and assignments. Schaalje taught these classes face-to-face both semesters. While many elements of this course were re-used from the past semester, all of the drill and practice activities were restructured and revised, and a new section on memorizing specific textbook phrases was added. More videos were posted and used from the PBS-NOVA series, in order to facilitate understanding and critical thinking. The lab Moodle section was already built by the CIS department, but Schaalje taught the face-to-face lab class in the spring of 2008.

- **MATH498P/598P Integrated Learning (WILDEST)** Michael worked extensively with Deb Schleusener in the Department of Mathematics, to improve their online course using Moodle ISU. The purpose of the course was to train high school teachers to be dual enrollment instructors for statistics. It provided material on statistics and instructional methods. In addition, Spall assisted the high school faculty in developing Moodle ISU courses for use by their dual enrolled students.
- **NURS600, NURS602, NURS609, NURS610, NURS612, NURS618, NURS621, Various sections of NURS 633, NURS636, NURS642, NURS643, NURS644, NURS645, and NURS404.** The Graduate School of Nursing began converting the Master of Science in Nurse to a completely online program. Cheezem assisted Professors Steiner, Reynolds, Arvidson, Ashton, Neill, Molinari, Murphy, Renn, Hewett, and some adjunct faculty with the conversion of online course materials to Moodle. In addition to converting course materials, Cheezem also assisted them with the creation of an online orientation course/community for the Graduate Nursing Program, reorganizing the courses, setting up and using the communication tools in Moodle ISU, creating Breeze presentations and placing them in the courses, linking e-pack information, using the Moodle gradebook functions, providing orientation sessions for the newly admitted students, and general problem solving. In addition, Cheezem assisted the undergraduate Nursing, ADRN and PNUR programs with student Moodle orientation sessions which included the videotaping an orientation session for future use by the various departments.
- Non-academic Moodle ISU Courses were created by Michael Spall to support administrative functions for the following University committees:
  - Office of Research - Faculty Research Committee
  - Office of Research - Graduate Student Research and Scholarship Committee
  - Office of Research - Human Subjects Committee
  - Office of Research - Humanities and Social Sciences Research Committee
  - Office of Research - Institution Animal Care and Use Committee
  - Office of Research - Research Coordinating Council
  - Office of Research - Undergraduate Research Committee
  - Office of Research - University Research Committee
- **CSED, DENT, HIST, WS, DENT, HCA, ENGL, PHIL, SOWK, SOC, and GEOL.** Ana Thompson, Jared Schaalje, and Erica Miyasako provided departmental support for course evaluations using Moodle ISU Feedback and Questionnaire Tools. Currently this system is being evaluated and responsibility for course evaluation will be determined over the next year. Other technologies will be evaluated and recommendations will be made to provide campus-wide solutions for paper and electronic delivery methods.

This past year has been largely consumed with the WebCT to Moodle migration efforts. Many faculty department, program, and course projects were supported by the ITRC during this process.

## Audio/Video Projects

ITRC audio/video production has increased dramatically over the last year with the placement of video encoding stations in the televised classrooms. The majority of the video requests have been from the College of Arts and Sciences (43%) and the College of Engineering (32%). The video/audio project requests vary from DVD, streaming media, video capture, and with a host of editing projects.



\*Number of summer projects from May 15th- June30th

## Partnerships

### *Nursing Department*

The ITRC has divided Lori Cheezem's position with the Department of Nursing. Cheezem works with the nursing department to assist with Moodle conversion process of courses being taught online in the Nurse Practitioner graduate program. Cheezem's role is to work with subject matter experts to successfully design, convert, and improve these courses. She spends the other half of her time doing instructional technology and course design projects for faculty in other colleges and departments.

*Dental Hygiene, CSE, & PT/OT Departments*

The ITRC has assigned Jared Schaalje to the Department of Dental Hygiene, as well as, the Department of Communication Sciences & Disorders, and Education of the Deaf (CSED) with supporting funding from the Technology Incentive Grants (TIG). In addition, Schaalje, provides support to the undergraduate and graduate Dental Hygiene, CSED, PT/OT programs.

*Partnership with Center for Teaching and Learning*

The ITRC has partnered with the Center for Teaching and Learning (CTL) to help instructors utilize technology in their course design. The ITRC and CTL have collaborated with each other to promote faculty events and projects including knowledge surveys, new faculty orientation, and faculty retreats. The Center for Teaching and Learning and the ITRC assist faculty in the creation and delivery of technology-based curriculum strategies.

*Partnership with ISU Boise Center*

The ITRC has partnered with the ISU Boise Center to begin offering faculty support on a permanent basis. Randy Stamm was reassigned to Boise in 2007, due to the growing support needs of the ISU health profession programs. Stamm offers instructional technology training and one-on-one consultation for more than 30 faculty members at the ISU Boise Center.

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## Conferences/Workshops (participated & presented)

### *Retention, Student Success, and the First Year Experience*

#### *ISU Center for Teaching and Learning Event 2007, Pocatello, ID*

Michael Spall attended the CTL's instructor teaching strategy event on the first year seminar experience. Joe Cuseo a Professor of Psychology at Marymount College (California) presented on instructional strategies for promoting student motivation and facilitating peer collaboration.

### *Teaching with Technology Idea Exchange (TTIX) 2008, Orem, UT*

This conference, attended by Lori Cheezem and Jared Schaalje, was a gathering of Intermountain West technology professionals who work in higher education. The conference offered a chance to collaborate and identify strategies other institutions are disseminating in their online learning initiatives.

### *MoodleMoot 2008, San Francisco, CA*

Randy Stamm, Michael Spall, and Ann Adamcik attended this conference in San Francisco; Stamm's presentation discussed Idaho State University's Learning Management System (LMS) process of change management. The title of the presentation was *Winning Your Faculty Resisters - WebCT to Moodle*. In addition ISU's student and faculty support strategies for transitioning from WebCT to Moodle were covered. This conference allowed the ITRC to explore new developments in Moodle. It also provided examination of well developed pedagogical examples as well as technical details for supporting Moodle.

### *Mapping Your Future, NW/MET (Northwest College and University Council for Management of Educational Technology) 2008, Walla Walla, WA*

Randy Stamm and Blake Beck attended Managing Educational Technology in a Web 2.0 World, the NW/MET 2008 Conference. The Northwest Managers of Educational Technology is a regional organization for educational support professionals. This year's annual conference allowed ETS to learn about new developments in learning management systems and distance learning technology, as well as presenting on our progress with Moodle. Stamm presented on *Moodle – Making the Switch* and participated on a panel discussion focusing on podcasting with iTunes University.

### *Idaho Educational Technology Professionals 2008 Boise, ID*

Randy Stamm, Jared Schaalje, and Blake Beck attended gathering of Idaho Educational Technology Professionals at BSU. Education Professionals from BSU, ISU, BYU-I, and NNU offered insight on various educational technology initiatives at their institution. Stamm, Beck, and Schaalje discussed Moodle and the WILDEST project.

*EDUCAUSE Western Regional Conference 2008, San Francisco, CA*

Ana Thompson and Randy Gaines attended the conference on finding practical and innovative solutions for your campus. The conference offered information for administrative services, information resources, teaching and learning, technology infrastructure, and management. Thompson visited with Kevin Kelly and Wen Hao Chuang from San Francisco State University, as well as Michael Penney from Moodlerooms™.

*SUNGARD® Higher Education*

*Identity and Access Management (IAM) Workshop 2008, Pocatello, ID*

Ann Adamcik attended this three-day event to further understand the identity and access management of the new *SUNGARD®* Banner system. The workshop focused on the current and planned IAM environments of the institution.

*Luminis System Administration Workshop 2008, Pocatello, ID*

Michael Spall attended the Luminis System Administration Training here at ISU where he learned to create channels / portlets, target announcements, manage groups, and manage user rights.

*GCF and SDK Workshop 2008, Salt Lake City, UT*

Michael Spall attended this introductory course for Luminis developers and administrators with the tools and techniques that are associated with the Luminis Software Development Kits. This training identified extended solutions for integrating the institution's external applications with the Luminis Platform, thereby achieving the realization of a true Unified Digital Campus.