

Instructional Technology Resource Center

ANNUAL
REPORT
2008-2009

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.

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 3 DePl Vostro 420 Core 2 Quad Q9400 (2.66GHz) Vista, 4 Dell Optiplex 360 Core 2 Duo E7500 (2.93GHz) Vista, 2 Dell Optiplex 745 Core 2 Duo E6600 (2.4GHz) XP 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 7/8 (Full Version for creating PDF's)
- Internet Explorer
- Mozilla Firefox
- Respondus
- QuickTime
- RealOne Media Player
- Windows Media Player
- 7-Zip
- WINSCP

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

- Nikon Super CoolScan 5000 ED
- Epson Expression 10000XC large format (12x17) scanner
- HP ScanJet ADF (Boise)

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. An Epson Projector and SmartBoard are connected to the instructor computer station for presentation and training activities.

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

Moodle

- Adding Resources to Your Moodle ISU Course
- 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
- Moodle Overview*
- Grading with the Moodle ISU Gradebook*
- Importing Questions in Aiken Format*
- Importing Questions in GIFT Format*
- Adding/Weighting Categories in the Moodle Gradebook*
- Using Cloze Questions in Moodle Quizzes*

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, 2009

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
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Michael Hotrum

March 2007 - Present
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Instructional Technology Assistants

Elena Messer

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Erica Miyasako

June 2007 – Present
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Lydia Warth

November 2005 - Present
kendlydi@isu.edu

Grants

ISU's ITIGs –Individual Support Initiatives

2008 to 2009

The ITRC received State Board of Education's Idaho Technology Incentive Grant (ITIG) funding from the following departmental granting opportunities:

- Dr. Bosworth (Engineering) – *Dual Enrollment Workshop for Computer Science*
- Dr. Bunde (Biology) – *Virtual Laboratory for Anatomy & Physiology*
- Dr. Hodges and Calley (Dental Hygiene) – *Digital Intraoral Camera Technology*
- Dr. Fisher (Math) – *WILDEST*
- Dr. Seikel (CSED) – *Asynchronous Master's Degree Track in Speech-Language Pathology and Bachelor's Degree in Educational Interpreting*
- Dr. Maheras (History) – *History Teaching Laboratory (Redesign History 118)*
- Dr. Shropshire (Physics) – *Enhancement of Interdisciplinary Laboratory Resources for the Physical Sciences and Engineering*

The ITRC supported ISU Engineering, Biology, Math, CSED, and History departments with instructional design and course development. An instructional technologist and student production assistants were funded by the ITIG to support the various projects.

ISU's ITIGs –Individual Support Initiatives

2007 to 2008

The ITRC received State Board of Education's Idaho Technology Incentive Grant (ITIG) funding from 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 ITIG 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 ITIG 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 2008

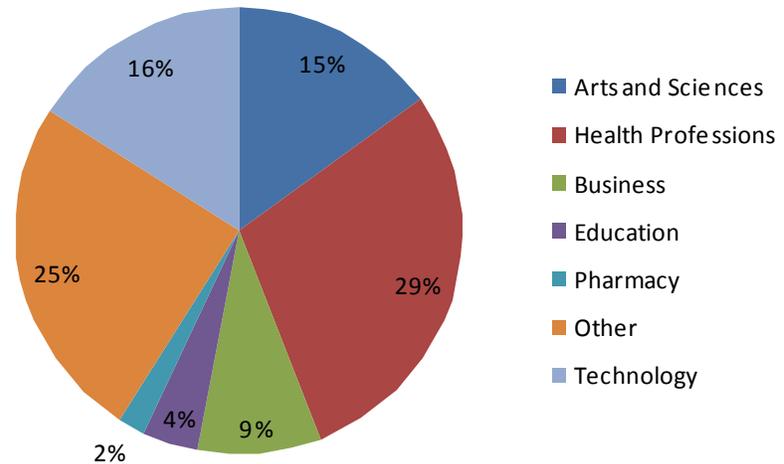
The Supplemental Academic Computing Fund was created for the primary purpose of ensuring every ISU faculty member has a computer available on her/his desk. However, peripheral equipment is also eligible if it is needed to support ISU office-type responsibilities of faculty. Beck and Stamm of ETS/ITRC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

Facility Usage

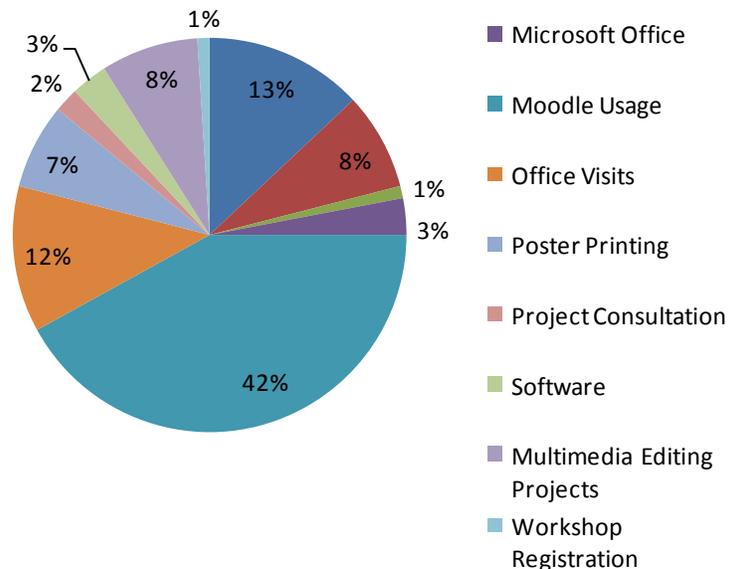
Contacts

The ITRC has various methods for tracking faculty services and faculties usage. A contact log and sign-in sheet tracked faculty by name, department, and contact information. More specific information (i.e., duration of contact, type of contact, and issues addressed in the contact) was collected using the electronic contact log. The following charts summarize the type of contacts made and college utilizing the services of the ITRC. A total of **967** faculty members were identified during the 2008-2009 academic year.

Contacts by College



Total Contacts by Type



Moodle ISU Usage

A total of 1,731 Moodle ISU course sites were used during the fall semester 2008 and 2,056 course sites were used during the spring semester 2009. An estimated total of 27,224 student seats were occupied in the fall 2008 semester and 32,337 student seats in the spring 2009 semester. This spring 2009 represents a 30% increase in student seats since spring 2008.

Total Offerings by Semester and System (Moodle)

College	Spring 2009		Fall 2008		Spring 2008	
	Courses	Student Seats	Courses	Student Seats	Courses	Student Seats
Arts and Sciences	1,117	12,290	941	10,347	701	8,575
Health Professions	186	3,007	157	2,605	117	2,076
Business	96	1,521	81	1,280	60	1,061
Education	167	5,240	141	4,411	105	3,656
Engineering	56	980	46	804	35	684
Pharmacy	10	413	8	331	6	588
Technology	343	8,456	289	7,119	215	5,900
Other	81	430	68	327	51	22
Total	2,056	32,337	1,731	27,224	*1,290	**22,562

*Course totals indicate unique active courses utilizing in Moodle ISU.

** Student seat totals are based on student enrollments of a course section

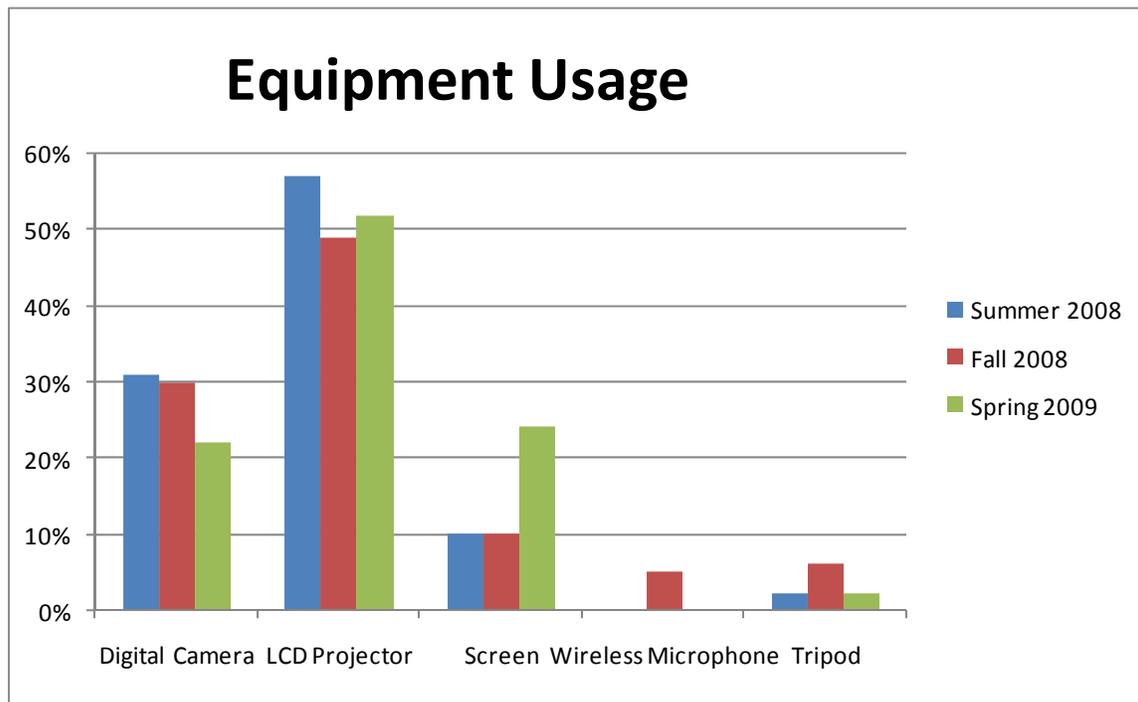
Course Category

Type	Semester	Course Numbers
Fully Online	Fall 2008	*130
Online Components	Fall 2008	*232
TOTAL		*362
Fully Online	Spring 2009	*137
Online Components	Spring 2009	*220
TOTAL		*357

*Course totals indicate unique course and section numbers (e.g. SOC101, 02).

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 during the summer 2008, fall 2008, and spring 2009 sessions.



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.

Moodle Community Participation

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 expanded the workshops this past year focusing on grouping, grading, and importing questions. 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. The ITRC used the 2008-2009 academic year to improve usability of the Moodle ISU environment through performance and application enhancements. The board assisted the ITRC in prioritizing Moodle projects and improving communication. There are currently 12 faculty members on the board, representing multiple colleges, locations, and technical abilities. General meetings were held once each semester.

Fall 2008 meeting, November 14, 2008:

- Forum and email improvements
- Performance
- Gradebook
- Upcoming new features and improvements
- Open Discussion

Spring 2008 meeting, February 20, 2009:

- Gradebook usability improvements
- HTML formatting in activity and resource names
- Cloning/copying activities
- Open discussion

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, February, 2009. Visited ISU’s campus during an ISU mini-conference. Discussed implementation of Moodle.
- **Casper College** - David Siemens and Michael Woodhead, Casper, WY, March, 2009
Email exchanges about Moodle migration process, performance, size, and course development.
- **Pocatello SD-25** - Bill Rassmussen and Cheryl Spall, Pocatello, ID, April, 2008. Phone call discussing Moodle for the local school district.
- **Snake River School District (SRSD)** - Ana Thompson provided Moodle training and support to Snake River School District (SRSD). Thompson communicated with Elaine Asmus (Biology), Rose Larson (Special Ed), Lisa Norman (Social Studies) and Steve Schellenberg (Technologist).

- **Indiana University Pennsylvania** – In February of 2009, Dan Yuhas, Technology Services Coordinator, had questions about Moodle server functions, service policies, hosting, account creation, course creation, and Banner integration.
- **Louisiana State University** – Robert Russo and Adam Zapletal communicated with Spall and Adamcek about Moodle performance optimizations and contributed code that LSU has done.
- **Brandeis University** – October, 2008, Lori Dembowitz, Director of Academic Systems and Technology, talked to Michael Spall about ISU's Server optimization and Moodle migration process from WebCT.

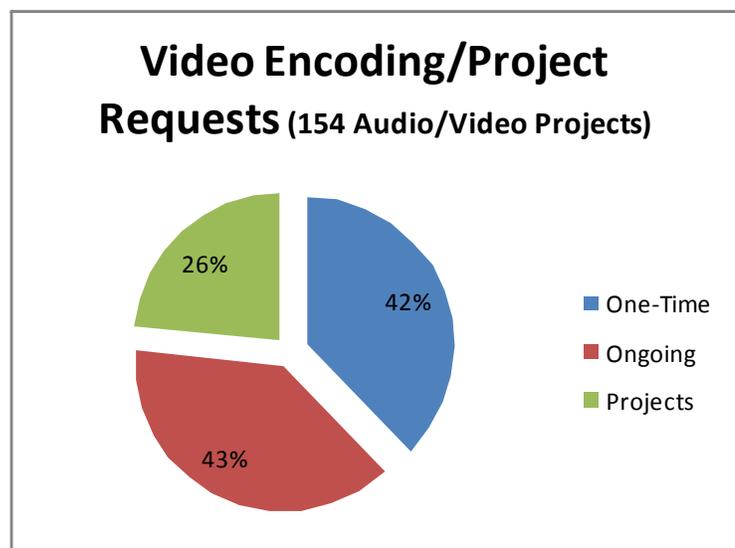
Course Projects

- **HIST 118.** The ITRC Senior Instructional Technologist, Jared Schaalje, worked with the history department to develop a large-scale online course for History 118 in the Fall 2008 and Spring 2009 semesters. In the Spring 2009, History 118 had 400 students, in sections 6 through 11. These 400 students attended only half of the regular classroom time that other traditional History 118 students attended. The other half of the classroom time was spent online. Students participated in online group discussions, online group assignments, podcasts, animated lectures, online multiple-choice quizzes, and online history simulations. Schaalje built all of the animated lectures in Flash. Jared analyzed survey, test, and quiz data to determine how effective the course was for the student's growth, and overall course effectiveness.
- **CIS 101.** Jared Schaalje, Senior Instructional Technologist for the ITRC, taught the lecture portion of CIS 101 in Moodle ISU. This course featured weekly lectures and a large number of Moodle activities. The Moodle activities were designed to help students memorize 66 new IT (information technology) terms for the midterm and 89 new IT terms for the final exam.
- **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.

- **BIOL, DENT, ENGL, HO, PSYC, Technical (CoT), EDUC, EDLT, EDLH, EDLP, RS, CSED, AUD, THEA, SOC, SOWK, POLS, ELEC (CoT), NE, GEOL, COB, HCA, GE (CoT), CHEM, HIST, WS, Business (CoT), HRDT, ANTH, ART.** Ana Thompson and Erica Miyasako provided departmental training and support for course evaluations using Moodle ISU Feedback Tool. In addition, training program, policy documentation, and Google request forms were created for the listed departments.
- **EDUC 597 - Moodle for K-12 Teachers.** Ana Thompson and Lori Cheezem designed and taught a 1-credit “Moodle for K-12 Teachers” continuing education course. The course was targeted to School District 25 High School faculty and staff.

Audio/Video Projects

ITRC audio/video production has increased dramatically over the last year with the placement of video encoding stations in the televised distance learning (TDL) classrooms. We had a total of 154 requests for the 2008-2009 academic year. One-time requests were used for special events or one-time recordings. Ongoing requests were used for semester-long encoded classes. Video projects requests vary from DVD, streaming media, video capture, and with a host of editing projects.



The ITRC began a pilot in the Spring of 2009 to change the process by which we stream video. After it was determined a better (file size, quality, cost, and support) alternative, the ITRC and ETS staff made arrangements to transition from Real Media (.rm) to Flash Video (.flv) format. The new process involves upgrading the entire TDL classroom computers to Adobe Flash Encoder 3.0 (free encoder), using a web-based program to create the class templates and a new interface for the video operators. The new class template program identified as “Denominator” allows ongoing class encoding templates creation from a single location vs. creating the course templates from each individual encoder. The Real Networks \$1,500 annual expense was removed, but increase video usage required a new media server.

TDL courses (one-time or ongoing events) are encoded directly into Flash Video (.flv) format then pulled by the streaming server each evening. The ITRC places hidden links for the videos inside the Moodle courses each semester and the videos become available 24-48 hrs after the class has been transmitted. Instructors make the video links visible to students as needed. Video projects are encoded in flash format, copied to the streaming server and linked using the “Enumerator” program. Enumerator is a web-based program developed by the ITRC.

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. In addition, Cheezem supported Physician Assistant Studies.

Dental Hygiene, CSED, & 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 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 and delivery. Both departments have collaborated with each other to promote faculty events and projects including knowledge surveys, new faculty orientation, and faculty retreats. In February of 2009, the ITRC and CTL invited William Rice IV, author of Moodle Teaching Techniques, to present on Moodle.

Partnership with ISU Boise Center

The ITRC has partnered with the ISU Boise Center to offer 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 50 faculty members at the ISU Boise Center. In addition to the responsibilities at the ISU Boise Center, Stamm provides leadership and direction for the ITRC.

Conferences/Workshops (participated & presented)

Teaching with Technology Idea Exchange (TTIX) 2009, Orem, UT

Lori Cheezem attended the TTIX 2009 Conference in Orem, UT. She attended presentations focusing on online course development strategies. In addition, she shared her experiences with staff members from other higher-education institutions located in the Intermountain West.

MoodleMoot 2009, San Francisco, CA

Michael Spall and Ann Adamcik attended and presented in San Francisco; Presentation discussed the strategic efforts to encourage faculty involvement in Moodle ISU development and changes. The title of the presentation was *Strategies for Success: Moodle Faculty Advisory Board*. This conference allowed the ITRC staff to communicate with other institution's about Moodle.

Northwest College and University Council for Management of Educational Technology Conference 2009, Virtual

The ITRC staff virtually attended the NWMET Conference April 23, 2009. The conference sessions were presented online using Elluminate web-conferencing technology. Jared Schaalje presented a session titled *Hybrid "Large Course" Development and Implementation - Lessons Learned* and Ana Thompson presented a session titled *Making the Most of What We Have*. The conference was offered online because of the budget challenges many higher-education institutions

WYDEC – Casper May 2009

The 2009 conference supported by the Wyoming Community College Commission was hosted by Casper College in Casper, Wyoming. The conference continued its tradition of sharing innovative ideas and practices for enhancing teaching and learning at a distance. This conference showcased some of the emerging technologies in higher education.