Instructional Technology Resource Center

ANNUAL REPORT 2010–2011

ITRC History

Idaho State University's Instructional Technology Resource Center (ITRC) was created in 1997 by Dr. Jonathan Lawson, former ISU Vice President for Academic Affairs. Funded by an Idaho State Board of Education Technology Incentive Grant, the ITRC provides faculty with access, ability, and confidence to use academic technologies in both traditional and distance-learning environments. Educational Technology Services (ETS), and the Information Technology Services (ITS) provide the foundational support for the ITRC.

Facility

The ITRC is comprised of drop-in, production/multimedia, and training labs. The latest in computer technology resources provide faculty with advanced teaching tools designed to fit with the instructional goals of their course and learner's needs. The ITRC has two physical areas for computer training and support. One-on-one help is done in the ITRC front lab (i.e., drop-in and production lab) while a dedicated lab is used for group instruction.

Drop-in Lab and Production Lab

The computers in this area consist primarily of 2 Dell 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 (2.4 GHz) XP, 1 Dell Optiplax 755 Core 2 Duo E6550 (2.33GHz) XP, 1 Dell Optiplex GX620 XP, 1 Dell Optiplex GX270 XP and one Apple iMac. In addition, machines are equipped with the following main software applications:

- Windows Vista OS
- Adobe Creative Suite 3 Web Standard (Dreamweaver CS3, Flash CS3 Professional, Fireworks CS3, and Contribute CS3)
- Adobe Photoshop CS
- Adobe Presenter (licenses available for faculty)
- Microsoft Office 2010 - Word, PowerPoint, Excel, etc.
- Adobe Acrobat 7 (Full Version for creating PDF's)
- Notepad++
- Mozilla Firefox
- Windows Media Player

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

- Epson GT large format (12x17) scanner
- Epson GT-2500 ADF scanner
- Nikon Super CoolScan 5000 ED slide scanner

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

- Epson EMP-810UG LCD Projector
- Epson EMP-735 LCD Projector
- Sony DCR-PC100 Digital Video Camera
- Aiptek DZ0-V37 (MPEG 4 Video Camera)
- Canon ZR800 Mini-DV Camcorder
- Portable screen
- TurningPoint (30 keypads) student response system
- Tripod
- Wireless microphone

Training Lab

The training classroom was updated this year with 14 Dell Vostro 3500 i5 430-2.27GHz laptop computers to allow for greater diversity in the classroom and abroad. The laptops run software based on specific faculty training needs. An Epson Projector and SmartBoard are connected to the instructor computer, Dell Vostro 430 i5 650-3.2 GHz, station for presentation and training activities.

Individual and group training provide faculty members with a variety of services for software, hardware, and instructional design application led by ITRC full-time staff. In addition to events held in the training lab, we offer two workshops a month using the video classroom network. This allows instructors at the far sites in Idaho Falls, Twin Falls and Meridian to participate. These events include:

Adobe Presenter
- QH: Adobe Presenter
- Introduction to Adobe Presenter

Moodle
- Adding Assignments to Your Moodle ISU Course
- Adding Resources to Your Moodle ISU Course
- Adding/Weighting Categories in the Moodle Gradebook
- Backing up and Importing Course Content
- Creating Tests in Moodle ISU
- End of Semester Procedures*
- Grading with the Moodle ISU Gradebook
- Importing Questions in Aiken Format
- Importing Questions in GIFT Format
- Managing Files in a Moodle ISU Course
- Moodle 2.0 Hands-On Training for Early Adopters*
- Moodle Overview
- Moodle 2.0 Open Meeting for all Faculty
- Moodle 2.0 Preview*
- QH: Adding Resources in Moodle

- QH: Moodle HTML Editor
- QH: Moodle Gradebook
- QH: Posting a Syllabus in Moodle ISU
- QH: Using Moodle ISU
- Using Cloze Questions in Moodle Quizzes
- Using Moodle ISU Forums
- Using the Messages and Quickmail Blocks in Moodle ISU*
- What to Expect in Moodle 2.0*

GoogleAps
- Creating Filters in ISU Gmail*
- QH: Advanced Gmail
- QH: Google Apps
- QH: Google Calendars

Microsoft Office
- Grading with a Spreadsheet
- Poster Design with PowerPoint
- PowerPoint Best Practices*
- QH: MS Office
- Using MS Excel 2007
- Using PowerPoint 2007

General Topics and Training Events
- Academically Adrift: Findings & Lessons for Improvement - webinar
- Copyright, Fair Use, and Teaching
- Course Evaluations – Follow Up Hands On
- Course Evaluations Using Moodle ISU
- The New (and Old) Ways Students Cheat: What You Can Do About It – webinar

*indicates workshops added or updated since July 1, 2010

About US

Stop 8064
Pocatello, ID 83209-8064
Office: (208) 282-5880
Fax: (208) 282-3300
Email: itrc@isu.edu

1311 E. Central Drive
Meridian, ID 83642
Office: (208) 373-1744
Fax: (208) 373-1711

Full-time Staff

Ann Adamcik: LMS Administrator

Ann Adamcik is a software engineer with over 20 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.

Sage Adams: Sr. Instructional Technologist

Office: (208) 282-2502

Sage provides instructional technology consultation for the faculty at Idaho State University. He has over five years' experience working directly with faculty as an instructional designer for the University of Alaska, Fairbanks (UAF). While living in Norway for two years, from 2001-2003, Sage enrolled in and successfully completed an online master's degree program in IT Management. Thus, he has experience as a student, teacher, and instructional designer of distance-based courses going back almost 10 years. He received his B.A. in Communications from Lewis and Clark College in Portland, Oregon in 1999.

Lisa Kidder: Instructional Technologist

Office: (208) 282-3954

Lisa Kidder oversees the ITRC lab area, supervises student employees, and works with the ITRC team in supporting online course delivery systems. She has over 12 years of experience in education and over 10 years integrating technology in education. Lisa's education includes a B.A. in French and Chemistry Education from Brigham Young University, and a M.A. in Educational Technology from Pepperdine University. She is constantly learning and looking for ways to improve teaching and incorporate technology. Prior to coming to the ITRC Lisa taught a variety of subjects in K-12 schools; supported faculty in incorporating technology; and spent several years teaching and supporting teacher candidates at Loyola Marymount University. Her love of teaching and learning along with varied subject interests helps her to match content with delivery.

Michael Spall: Senior Instructional Consultant
Office: (208) 282-4557
Michael Spall, Senior Instructional Consultant is responsible for maintaining the LMS and other ITRC servers. Michael maintains the Banner - Bengal Web - Moodle Enrollment connector. Through his work in supporting the initial pilot of Moodle ISU, Michael 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 and develops curricular materials to support ISU faculty and staff.

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.

Lydia Warth: Instructional Technologist
Office: (208) 282-4309
Lydia has almost 6 years of experience working with instructional technologies. She is primarily responsible for design, development, and production of curricular materials to support ISU faculty. She is a former Instructional Technology Assistant at the ITRC and really enjoys working with the faculty and staff at ISU. Whether it is delivering course materials via Moodle, helping with scanning and poster printing needs, working one-on-one with project consultation, or fielding tricky phone calls; Lydia looks forward to each new challenge. Lydia has an M. Ed. in Instructional Technology and a B.A. in Arts and Sciences. In her spare time, Lydia likes to read, be outside, play with her cat and dog, and spend time with her husband and family.

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.

Technology Production Assistants

Jari Safi
September 2008-October 2010
safijari@isu.edu

James Jensen
August 2008-Present
jensjame@isu.edu

Michael Ellis
January 2010-January 2011
ellimich@isu.edu

David Dixon
January 2010-November 2010
dixodav3@isu.edu

Abraham Chupp
January 2011-May 2011
chupabra@isu.edu

M. Sean Sherrard
May 2010-Present
shermat2@isu.edu

Cedar Hulet
November 2010-Present
huleceda@isu.edu

Anelicia Cheney-Campbell
January 2011-Present
caiaanel@isu.edu

Tzu-chiao (Joy) Hung
September 2010-Present
hungtzuc@isu.edu

Shiwei (Way) Liu
January 2011-Present
liushiw@isu.edu

Erin Sorensen
May 2011-Present
soreerin@isu.edu

Tyler Espinoza
May 2011-Present
espityle@isu.edu

Adam Sanders
May 2011-Present
sandadam@isu.edu

Jacqueline Throngard
June 2011 – Present
sprajac2@isu.edu

Grants

ISU's ITIGs – College of Business

2010 to 2011

The ITRC supported the College of Business with a State Board of Education's Idaho Technology Incentive Grant (ITIG) for the Graduate Business Certificate Program Online - proposal submitted by Dr. Joanne Tokle. Lydia Warth provided support for several faculty members in the college of business redesign courses for use in Moodle ISU.

ISU's ITIGs - ITRC University Health High School Project

2009 to 2010

The ITRC received funding from State Board of Education's Idaho Technology Incentive Grant (ITIG) for the University Health High School (UHHS) project. The UHHS was designed to support high school students with tools to explore health occupations; offer opportunities to communicate with health professionals; meet other students from other area high schools, collaborate with ISU students enrolled in health sciences programs; and acquire online early college course credit. Randy Stamm, Lydia Warth, Ann Adamcik, and Stephen Wright successfully facilitated the objectives of this grant by designing and developing the Moodle UHHS site and by incorporating online early college health sciences courses. The site administration and course registrations have been handed over to the ISU Early College Program and Division of Health Sciences.

In addition, the ITRC received ITIG funding from the following departmental grants:

- Dr. Ann Hunter, Chair of Sociology, Social Work, and Criminal Justice and Dr. Terry Engebretsen, Chair of English and Philosophy – *Sociology101 and English 101 Redesign Project*

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 course redesign and development support by ITRC staff.

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.
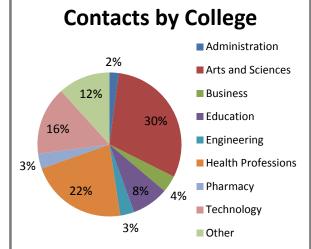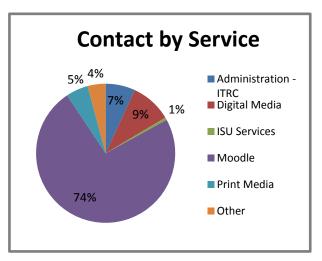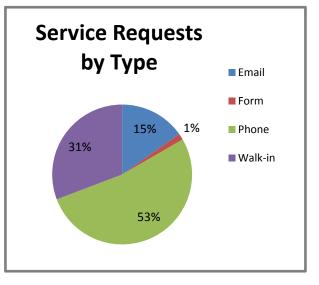
Facility Usage

Contact Information

The ITRC tracked faculty information, duration of service, type of service and the issues addressed during the service using sign-in sheets and the new service tracking software, TigerTracks. A Touchscreen sign-in was implemented in January that automatically sends the sign-in information into TigerTracks so all our support can now be tracked and documented within TigerTracks. The following graphs include information from the sign-in sheets and TigerTracks. The information shown includes a total number of 3,236 contacts. (*Note: Contacts by College only includes the information from TigerTracks, a total of 2,391 contacts.*)

Contacts by College

- Administration
- Arts and Sciences
- Business
- Education
- Engineering
- Health Professions
- Pharmacy
- Technology
- Other

2% · 12% · 30% · 16% · 3% · 22% · 8% · 4% · 3%

The ITRC provides service in a number of areas from Moodle ISU and other online teaching technologies to various software programs used on campus and other services provided by ISU. It is our goal to support the faculty and often they call with several questions that cross several categories of service.

Contact by Service

- Administration - ITRC
- Digital Media
- ISU Services
- Moodle
- Print Media
- Other

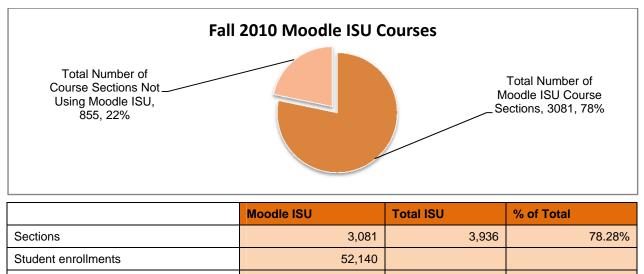5% · 4% · 7% · 9% · 1% · 74%

Faculty and staff may request help over the phone, in person, making appointments, email and chat. We also provide online forms for the commonly needed requests.
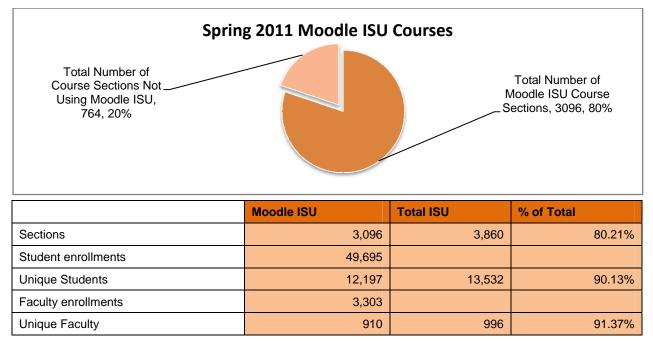
Service Requests by Type

- Email
- Form
- Phone
- Walk-in

15% · 1% · 31% · 53%

Moodle ISU Usage – Fall 2010 and Spring 2011

- **Sections** - ISU sections that have student enrollments. This excludes sections that no students enrolled or that were cancelled. This excludes courses with faculty only enrollments.
- **Student Enrollments** - total student enrollments including W's.
- **Unique Students** - total individuals enrolled in a section as a student.
- **Faculty Enrollments** - faculty enrollments for sections with at least one student enrollment.
- **Unique Faculty** - total individuals enrolled as a faculty in a section that has at least one student enrollment.

Fall 2010 Moodle ISU Courses

Total Number of Course Sections Not Using Moodle ISU, 855, 22%

Total Number of Moodle ISU Course Sections, 3081, 78%

	Moodle ISU	Total ISU	% of Total
Sections	3,081	3,936	78.28%
Student enrollments	52,140		
Unique Students	13,106	13,821	94.83%
Faculty enrollments	3,301		
Unique Faculty	928	1,022	90.80%

Spring 2011 Moodle ISU Courses

Total Number of Course Sections Not Using Moodle ISU, 764, 20%

Total Number of Moodle ISU Course Sections, 3096, 80%

	Moodle ISU	Total ISU	% of Total
Sections	3,096	3,860	80.21%
Student enrollments	49,695		
Unique Students	12,197	13,532	90.13%
Faculty enrollments	3,303		
Unique Faculty	910	996	91.37%

ISU Course Schedule Types in BengalWeb
Fall 2010 and Spring 2011 (end of term)

Fall 2010

Schedule Type Code	Description	ISU Sections	Percent of Total ISU Sections	Sections that use Moodle ISU	Percent of Total Moodle ISU Sections	Percent of sections that use Moodle ISU
CL	Classroom	1,514	38.47%	1,308	42.45%	86.39%
LB	Lab	365	9.27%	276	8.96%	75.62%
LL	Classroom and Lab	71	1.80%	57	1.85%	80.28%
OT	Other	895	22.74%	414	13.44%	46.26%
ST	Studio	31	0.79%	9	0.29%	29.03%
VC	Video Conference	202	5.13%	200	6.49%	99.01%
VS	Video Conference and Web Supplemented	235	5.97%	235	7.63%	100.00%
WC	Web Course	256	6.50%	256	8.31%	100.00%
WS	Web Supplemented	367	9.32%	326	10.58%	88.83%
Total		3,936	100.00%	3,081	100.00%	78.28%

Spring 2011

Schedule Type Code	Description	Total Sections	Percent of Total Sections	Sections that use Moodle ISU	Percent of Total Sections	Percent of sections that use Moodle ISU
CL	Classroom	1,601	41.48%	1,452	46.90%	90.69%
LB	Lab	406	10.52%	314	10.14%	77.34%
LL	Classroom and Lab	77	1.99%	62	2.00%	80.52%
OT	Other	818	21.19%	338	10.92%	41.32%
ST	Studio	27	0.70%	5	0.16%	18.52%
VC	Video Conference	68	1.76%	63	2.03%	92.65%
VS	Video Conference and Web Supplemented	352	9.12%	351	11.34%	99.72%
WC	Web Course	253	6.55%	253	8.17%	100.00%
WS	Web Supplemented	258	6.68%	258	8.33%	100.00%
Total		3,860	100.00%	3,096	100.00%	80.21%

ISU Comparison of Online and Face-to-Face Courses
Fall 2010 and Spring 2011 (end of term)

Data do not include Early College students or students that are auditing.
- **Completed**- the student did not withdraw from the course or the student did not receive an "Incomplete" or "In Progress" for the course.
- **Passed** - student received a course grade for completing the course that was not an "F", "U", or "X".
- **Course level** - "Graduate" level includes "Professional", which are Pharmacy courses.
- **Online** - courses with a schedule type of "WC" for web courses.
- **Face-to-Face** - courses with a schedule type of "CL" for classroom.

Data do not include "hybrid" courses, for example "classroom and online".

Fall 2010

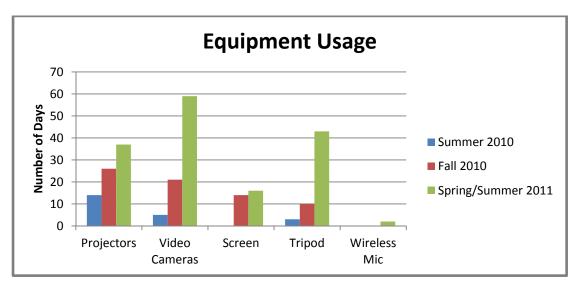| Course Level	Number of course sections	Number of students enrolled in courses	Number of students completing the courses	Percent completing	Number of students passing the courses	Percent passing	Percent passing of those who complete the course
Undergraduate - Face-to-Face	1,089	23,710	21,243	89.60%	19,575	82.56%	92.15%
Undergraduate - Online	155	3,847	3,479	90.43%	3,276	85.16%	94.16%
Graduate- Face-to-Face	260	1,895	1,810	95.51%	1,801	95.04%	99.50%
Graduate- Online	99	818	750	91.69%	744	90.95%	99.20%
Total	1,603	30,270	27,282	90.13%	25396	83.90%	93.09%

Spring 2011

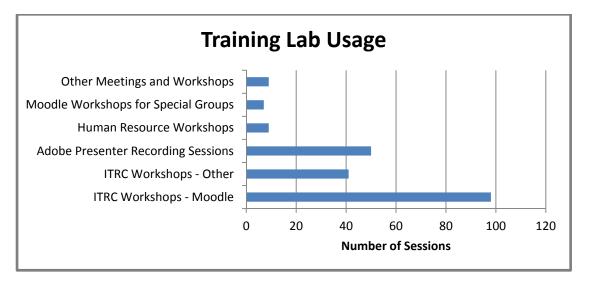| Course Level	Number of course sections	Number of students enrolled in courses	Number of students completing the courses	Percent completing	Number of students passing the courses	Percent passing	Percent passing of those who complete the course
Undergraduate - Face-to-Face	1,284	27,085	24,405	90.11%	22,267	82.21%	91.24%
Undergraduate - Online	150	3,704	3,413	92.14%	3,177	85.77%	93.09%
Graduate- Face-to-Face	251	1,660	1,591	95.84%	1,577	95.00%	99.12%
Graduate- Online	101	762	706	92.65%	702	92.13%	99.43%
Total	1786	33,211	30,115	90.68%	27,723	83.48%	92.06%

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 2010-2011 academic year. An additional video camera was purchased in the summer of 2010 bringing the total to 3 digital cameras available for checkout.

Equipment Usage

Training Lab Usage

The traininglab is used almost daily by the ITRC Staff to provide workshops for Faculty and Staff. Workshops are advertised online on the main ISU calendar with a link to the calendar on the ITRC website which allows participants to register for specific workshops. The training lab can also be reserved and used by other groups on campus needing to proved training in a computer lab or for individuals to record in Adobe Presenter.

Training Lab Usage

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

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.

The ITRC continues to work with its Moodle Faculty Advisory Board (MFAB) to expand the usability of Moodle ISU. The ITRC used the 2010-2011 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 10 faculty members on the board, representing multiple colleges, locations, and technical abilities. General meetings were held once each semester.

Fall 2010 meeting, October 21, 2010:
- Special icon used for instructor
- Browser usage in Moodle (Firefox/IE)
- Attendance block for College of Technology
- Gradebook Questions
- HTML Editor (new Moodle 2 editor)
- Quickmail/Messaging

Spring 2011 meeting, February 23, 2011:
- Moodle 1.9 to 2.0 changes
- New Features – navigation, question bank, conditional activities, repositories, and messaging
- Determine when to make the change to Moodle 2.0 in March

Spring 2011 meeting, March 30, 2011:
- Decision to use Moodle 2 and Moodle 1.9 in the fall 2011 and spring 2012 with expectations all faculty members will move to Moodle 2 in summer 2012.

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.
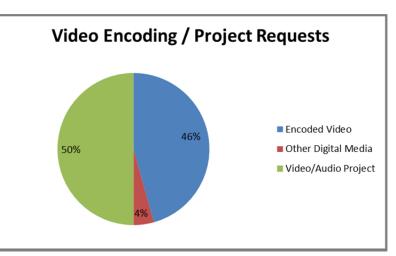
Course Projects

- **BIOL 4411/5511F**. Stamm provided course redesign support for Sonja Nehr-Kanet clinical hematology course.

- **ENGL 1101**. Spall coordinated with Clayn Lambert from the College of Technology to pilot 3 English courses in Moodle 2 during the spring semester.

- **HIST 4423**. Spall worked with Dr. Kevin Marsh and graduate candidates Michael Livingston and Clark Huang to develop a fully online Idaho History course in Moodle 2.

- **MATH 0025**. Spall worked with Kai-Yi Huang on developing algebra modules for a course in Moodle 2.

- **MGT 3329, MGT 4460 & MGT 3312.** Warth provided instructional technical support for professors Joanne Tokel, Jeff Street and Neil Tocher in the College of Business by redesigning traditional courses for delivery online.

- **NURS 4418L & NURS 4426L**. Warth supported the Department of Nursing with the redesign/development of leadership and community nursing simulations.

- **NURS 2200 & NURS 3371**. Warth supported nursing faculty integrating iclickers into nursing course.

- **PSYC 3301 & PSYC 4445**. Kidder provided training and course redesign support for several faculty members in the Department of Psychology.

Audio/Video Projects

ITRC audio/video production provides support for the faculty in basic projects needed for education as well as supporting the integration of the video classroom network and Moodle ISU. We had a total of 230 requests for the 2010-2011 academic year. One-time requests were used for

Video Encoding / Project Requests

- 46% Encoded Video
- 4% Other Digital Media
- 50% Video/Audio Project

special events or one-time recordings. Ongoing requests were used for semester-long encoded classes. Larger video project requests vary from DVD, streaming media, video capture, and with a host of editing projects.

Server Projects

- Michael Spall installed Banner-LMB Moodle enrollment plugin and coordinated with registrar office and ERP team regarding integration with BengalWeb data systems.
- Ann Adamcik, Michael Spall and Kory Wheatley successfully diagnosed and repaired Solaris 10/Apache problem in Glassfish and MySQL version provided with Glassfish. The Solaris X/Apache issue was fixed by upgrading our Glassfish Webstack and the MySQL issue was resolved by installing a new version of Solaris 10.
- Michael Spall speculated new Dell R710 Servers and installed RHEL 6 operating system to upgrade the ITRC Moodle severs. He investigated options for installing MySQL 5.5 and PHP 5.3 on the servers, settling on using REMI repositories. Migrated test Moodle instances to the new servers and testing move of production Moodle ISU.

Partnerships

Partnership with Nursing Department and College of Business
The ITRC has divided Lydia Warth's time with the Department of Nursing and College of Business. Warth works with the faculty to assist with Moodle conversion process of courses being taught online in the Nurse Practitioner graduate program. Warth's role is to work with subject matter experts to successfully design, convert, and improve these courses. In addition, Warth spent the other half of her time doing instructional technology support for the College of Business for faculty in involved in ITIG.

Partnership with ISU Meridian Health Science Center
The ITRC has partnered with the ISU Meridian Health Science Center, formally 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 in the Treasure Valley. Stamm offers instructional technology training and one-on-one consultation for more than 50 faculty/staff members at the ISU Meridian Center. In addition to the responsibilities at Meridian, Stamm provides leadership and direction for the ITRC.

Partnership with ISU Idaho Falls Center
The ITRC has partnered with the ISU Idaho Falls Center to offer faculty support and training. Lydia Warth was designated to travel to Idaho Falls several times a semester, due to the growing support needs of the ISU faculty members teaching from Idaho Falls.

Partnership with Pharmacy
The ITRC has partnered with the College of Pharmacy to support a more aggressive web-based assessment program using the Quiz tools in Moodle ISU. Sage Adams was responsible for faculty support in Pocatello and Randy Stamm supported the faculty in Meridian.

Partnership with School District 25
The ITRC has partnered with the SD 25 by offering hosting and training for Moodle. Spall taught workshops for SD25 teachers and offered technical support for their support staff.

Conferences/Workshops/Webinars (participated & presented)

Conferences:

Mountain Moodle Moot 2011, Helena, MT

The Michael Spall, Randy Stamm, and Lydia Warth attended and presented at the Mountain Moodle Moot June 2-3, 2011 located on the Carol College Campus. Spall presented "Lightening Sessions: Moodle Gradebook and File Repository", Stamm presented "Blended Learning: Bridging Traditional Classroom Instruction", and Warth presented "Moodle Simulation for Rural Nursing Professionals".

Northwest College and University Council for Management of Educational Technology Conference 2011, Portland, OR

The Blake Beck and Randy Stamm attended and presented at the NWMET Conference April 10-12, 2011 located at the Skamania Lodge (Stevenson, Washington). Stamm presented on LMS Analytic Tools.

Northwest eLearning Community Conference 2010, Vancouver, WA

Lisa Kidder attended the NW eLearning Conference on October 21-22, 2010. Kidder attended sessions on supporting faculty, creating learning communities, open library, quality matters, technology boot camp and online learning.

SLOAN-C /MoodleMoot Emerging Technology in Online Learning Symposium 2010, San Jose, CA

Michael Spall and Randy Stamm attended July 20-23, 2010; Spall gave a presentation on "Successful Integration of Moodle with Banner Using Open Source Development and Open Campus Communication" and co-presented with Wen Hao Chuang from SFSU titled "Introduction to Moodle Programming".

Workshops/Webinars:

Kryterion Secure Online Proctoring Demonstration.. 7/8/2010
Elluminate Live Presentation... 9/9/2010
The New (and Old) Ways Students Cheat: What You Can Do About It 10/13/2010
Athabascan University Open Access Week: (online)... 10/18/2010
Universal Design for Learning: ISU Workshop 10/29/2010
Psychological Tactics That Wow Customers (customer service strategies) 1/14/2011
NWeLearn: Using Twitter for Teaching, Learning and Professional Dev 1/27/2011
Cisco/WebEx Presentation.. 2/10/2011
Campus Technology - Migrating away from PPT.. 2/17/2011
Campus Technology - Delivering an Active Learning Environment with Video 2/18/2011
Educause webinar - The Future of Fair Use 2/25/2011
Copyright in Academia: Concerns surrounding the use of copyright 3/2/2011
Neehr Perfect Com Ed Event on Clinical Documentation.. 3/23/2011
Academically Adrift: Findings and Lessons for Improvement 3/24/2011
Engaging Virtual Audiences: Practical advice on engaging your virtual audience.... 5/19/2011
The AZ Statewide Quality Matters Consortium 5/23/2011
Accessibility & Universal Design for Learning (UDL)... 6/7/2011
The Accessible Virtual Classroom: Using Wimba (Blackboard Collaborate) 6/14/2011