2013 INSTRUCTIONAL TECHNOLOGY DESIGN & DEVELOPMENT INFORMATION TECHNOLOGY

EASTERN WASHINGTON UNIVERSITY
Welcome to the Instructional Technology, Design and Development team’s annual report. This report is designed to brief you on the ITDD team activities for the prior year. We also intend for this report to act as a guide regarding the services this team provides to the university.

The Instructional Technology, Design and Development team provides a wide range of services, including instructional design, technology integration, and faculty support. The team supports Eastern’s faculty and students, assisting with the development of online and hybrid courses, as well as providing support for technology tools and platforms.

During the previous year, the Instructional Technology, Design and Development team has helped faculty transition from Blackboard’s learning management system to Canvas. They have also added a new staff member, Crista Calderon, who brings strong technical, instructional, support, and interpersonal skills to the team. This resource is available to assist faculty with their technology needs.

In addition to providing the “hard” IT services of maintaining servers, provisioning of accounts, providing technical support for instructional tools, etc., the team also supports faculty in the use of instructional technology through individual and small group workshops. They organize larger scale events, working with partners to host Eastern’s annual Summer Boot Camp, Fall Technology Sampler, Spring Technology Showcase, and partnering with other institutions to host regional events.

While this is a team of technologists, we are most proud of this team’s service attitude. Every member of the team truly wants to serve faculty and support faculty success. Each member is highly proficient in specific instructional technologies and instructional support services AND they have excellent and approachable interpersonal skills. If you are faculty and you haven’t yet had an opportunity to experience the “top drawer” service attitude of this team, please give them a call or stop by their offices in Monroe Hall, rooms 307 and 303.

INSTRUCTIONAL TECHNOLOGY,
DESIGN & DEVELOPMENT

The Instructional Technology, Design, and Development (ITDD) team gathered together in the new Faculty Commons in Monroe 307. Back row from left to right: Larry Conboy, Bryce Spencer, Nick Brown, and Jeff Healy. Front row from left to right: Matt Lewis, Judy McMillan, Grant Ramsay, Crista Calderon, and Brent Schneider.

Instructional Technology, Design, and Development (ITDD) offers a consultative and collaborative approach designed to enhance and enrich the learning experience. In keeping with our name, we offer a full array of teaching, learning, communication, design, and development services to Eastern Washington University. While the faculty-student interaction is a primary focus, our clients also include staff, alumni, and the rest of the EWU community.

We believe in innovation-by-leading with teaching and learning. Our goal is to optimize the educational experience both in the classroom and online by providing support, development, creativity, design, and infrastructure for all facets of the teaching and learning environment. Whether using existing materials in an alternate way or developing new content altogether, teamwork between faculty and ITDD is paramount to support faculty innovation and student success.
During Fall Quarter 2012, the first early adopters of Canvas started using the new Learning Management System (LMS) initially starting with 75 courses in the Fall, during the 2012-2013 academic year; more than 1,185 courses at EWU used Canvas to supplement or assist in instruction. Throughout the migration process, a premium was placed on providing time for faculty to move to the new LMS at a pace comfortable to them. Some early faculty adopters were quick to use the new LMS tool. Others first became more familiar with Canvas before using it for their courses.

To assist faculty and staff to become more comfortable with Canvas, ITDO offered 8 scheduled workshops and more than 280 consultations explaining the tools and capabilities of Canvas. These workshops and consultations were available to individuals, small groups, and full departments. The individual consultations were a popular and key element of the migration whereby a faculty member receives one-on-one time to walk through how Canvas can be used for their courses.

At the beginning of Winter Quarter 2013, Canvas was integrated with EWU’s Records and Registration. This integration adds Canvas’s course catalog and course enrollment directly into Canvas each quarter, thereby removing the need for students to individually enroll in the Canvas instance of their course. The integration also allows for the use of Single Sign-On (SSO) for Canvas login authentication.

By the end of June 2013, Canvas showed a steady increase in use during the 2012-2013 academic year. Published courses, student enrollment, assignments, and page views all show an increase from one quarter to another. During Spring Quarter, 9,457 students were enrolled in a published Canvas course, equating to 77% of the full student body during that term, an increase of 17% from the Winter Quarter. Another strong indicator that student use of Canvas grew each term is demonstrated by the increase in the number of times assignments have been accessed. Students viewed the 16,600 assignments added to Canvas more than 1.7 million times.

Canvas saw a marked increase each quarter during the migration process showing the pattern of early adopters starting to use the tool during the Fall Quarter to a substantial increase of approximately 55% growth of use during Spring Quarter. This pattern highlights the benefit and need of providing the time each faculty needed to make the transition to the new LMS.

### College Usage of Canvas

Displaying the raw counts about how Canvas is being used (attachments, assignments, and discussion boards) by college, proportional to the number of students, each college is shown to have a similar usage pattern with the exception of Science, Health & Engineering’s use of additional file attachments.

### First Year Canvas Growth by Quarter at EWU

The number of published courses in Canvas is increasing each quarter. During Winter Quarter, 17% of all EWU courses offered were available to students in Canvas. By Spring Quarter, that percentage had risen to 24%.
STUDENT
SUCCESS

Learning Spaces
EWU is continually striving toward modern and
effective teaching strategies, with the most recent
being the implementation of collaborative learning
in this setting. Students are encouraged to discuss
and interact with one another in place of traditional
lecture. Instructional Technology collaborates
with groups and individuals on campus to ensure
that classroom spaces are designed using current
teaching methodologies. Patterson Hall is an
example of that collaboration with its construction
of interactive classrooms, video conferencing, and
enhanced technology. These upgraded spaces
positively affect student success by improving the
environments where students interact with one
another and with faculty.

TEL Lunches
Once every other month, Instructional
Technology is invited by the College of Business
and Public Administration faculty to present at
a Technology Enhanced Learning (TEL) lunch.
These lunches give faculty the opportunity
to learn about using technology to enhance
student success in and out of the classroom.
Presentation topics range from Canvas advice
to strategies using new technology that assists
in teaching and learning.

Turnitin
In the Spring quarter 2013, Eastern started piloting
the plagiarism detection tool from Turnitin. Academic
integrity is a key component to student’s success at EWU
and in the workplace. With the integration of Turnitin
in Canvas, student work can be compared against a
vast array of online resources including journal and
magazine articles, current news articles, more than
300 million student papers, and includes more than
40 billion pages of digital content. There are different
degrees of plagiarism that span from blatant to subtle
and not all plagiarism infractions are intentional nor
warrant an extreme university action. Turnitin is a tool
to assist faculty in locating possible cases of more serious
intentional plagiarism, as well as those that arise when
students are simply ignorant of proper citation practices.

Once a paper is submitted, a report is generated
showing a percentage score of how much of the
document was matched against other resources. Both
students and faculty see these reports and are also
shown the source of the match along with the full
matching text. By being available to the student, the
report provides an opportunity for the students to better
understand plagiarism in the context of their own writing.

“I like that [the students] can view the
Turnitin ‘score’ right away. This gives
them immediate feedback.”
Debby Arbogast, ELI

During the first quarter Turnitin was used at
EWU. 1,800 students submitted more than 8,700
documents. Patty Grandos and Debby Arbogast,
both instructors in EWU’s English Language
Institute (ELI) have used Turnitin in their courses.
Patty uses Turnitin for almost all assignments
that require a document submitted online. With
Turnitin, she is able to check for originality against
other student work submitted in another section
of the course as well as helping students identify
when a sentence is too close to be a simple
copy and paste.

“I think it is also a great teaching tool for
paraphrasing (which is one of the main things we
work on in my class)” – Patty Grandos, ELI

While Turnitin can be used as an enforcement tool
by faculty to monitor the originality of student
written work, it can also be used as a teachable
moment to instruct students about proper
citation and to get a better understanding about
what constitutes plagiarism.
LTI in Canvas
Learning Tools Interoperability (LTI) is a feature Canvas uses to allow for the implementation of outside software that connects into Canvas. A popular example of this is supplemental content from McGraw Hill that integrates with Canvas, providing convenient authentication for students. An LTI can also take the form of links and embedded materials directly into a Canvas course.

“IT [Twitter LTI] is a fun little tool and can be used/integrated into the course in many ways (assignments, discussion topics, etc).”
— Ryan Sain

Swivl Lecture Capture
The Swivl, a video recording device, acts as a personal cameraman by holding primarily iOS devices and tracking a presenter both visually and audibly. The presenter carries or wears a discrete wireless remote that the Swivl follows to capture their movement, while wireless audio captures their voice. The Swivl could be an alternate format to capture video or lectures, keeping you in the picture the whole time. Instructional Technology is currently testing the Swivl and has several available for faculty for experimental purposes.

Faculty Commons
Located in Monroe 307, the remodeled Faculty Commons provides faculty the opportunity to work with Instructional Technology in a more engaging environment. The Faculty Commons provides a space where faculty can find help regarding technology available for instruction, such as personalized Canvas training, recording equipment or tablets. The space consists of collaborative furniture, white board partitions, a mini recording studio called a whisper room, and interactive touch screen wall monitors. By offering walk-in opportunities for groups or individuals and different meeting environments, ITDD is ensuring that all faculty have access to technology innovation and advice on a convenient schedule. For example, the whisper room may be used for a one-on-one training session regarding lecture capture, while another group of faculty simultaneously participate in Canvas training in the Commons, using the touch screen monitors to watch and learn from ITDD staff.

Tablet Loaner Program
As a step toward continuing to provide EWU faculty with the most innovative instructional technology, ITDD offers a tablet testing program for interested instructors. This program allows faculty to experiment with iPad or Android tablets during a designated trial period, giving faculty experience and time with the devices to understand how they can assist with instructional duties, such as teaching, conducting research, and attending meetings.

Approximately 70 tablets are actively circulating among instructors and are in high demand. Eliminating the cost barrier for faculty allows for departmental development and gives faculty valuable opportunities to enrich their instruction with technology. Instructional Technology also provides video cables, cases, and has provided more than 430 apps downloaded to the mobile devices.
Spring Showcase
The Spring Showcase is a 2-day event that features faculty presentations and a vendor technology showcase. The 2013 Spring Showcase featured faculty members presenting personal success stories about teaching and technology – sharing with their peers how technology has helped them enhance the learning environment and promote student success. On the second day, Dell, Apple, HP, and Lenovo displayed desktops, laptops, and tablets for faculty to explore. Each vendor communicated the benefits and strengths of their products and faculty were asked to complete a survey that highlighted their computer preferences. This vendor display was an effort to better tailor the Faculty Computer Replacement Program to the preferences of faculty at EWU. Faculty are on a five year schedule to replace their computers and the Spring Showcase helped to familiarize and encourage faculty to participate in this process.

Brown Bags
On the 3rd Thursday of each month, ITDD hosted a Brown Bag lunch, where faculty were invited to bring their own lunches and ask technology related questions. During the course of the 2012-2013 school year, topics about Canvas, mobile devices, lecture capture and other teaching strategies using technology were part of the discussions revolving around how technology enhances learning for students at EWU. These lunches also familiarized faculty with ITDD staff and encourage future communication and collaboration.

Northwest eLearning Community
ITDD represented EWU on the Northwest eLearning Community (NWeLC) Conference steering committee bringing the annual conference to Spokane on October 10th and 11th, 2013. The NWeLC is a community of faculty, administrators, and support staff who share ideas and provide support related to the use of technologies, tools, and techniques for the advancement of technology-based teaching and learning. The NWeLC members consist of K-12 schools and 2 and 4-year colleges and universities from Washington, Oregon, Idaho, Montana, Alaska and Canada. This 2-day conference, being hosted by EWU, gave attendees the opportunity to learn from professionals and each other through presentations regarding e-learning technology. This year's event was well attended with more than 170 educational professionals.

Bootcamp
On July 23rd and 24th, Information Technology hosted Bootcamp for EWU faculty. This conference provided informational workshops and the opportunity for faculty attendees to interact with support staff and colleagues in a learning and sharing environment. Attendance increased to 72 attendees that participated in presentations and workshops to further develop their teaching and technology skills. Bootcamp highlights included presentations discussion forums, multimedia tools in Canvas, building online learning opportunities, and workshops where interested faculty obtained Apple and Android tablets to use on loan in their classrooms and learning spaces for a year. Special thanks for the support from Academic Affairs, Turnitin, Cengage, Real Networks and Starbucks in partnering with us to make Bootcamp a success.
VISIBILITY

Through October and November of 2012, Larry Conboy photographed artifacts for Archaeological and Historical Services (AHS), working with director Stan Gaugh and archaeologist Pam McKenney. AHS recovered artifacts from an old privy, filled in with dirt and discarded objects. The most exciting finds were unique and historical bottles, some dating back to the 1800’s. These bottles depict the lifestyle of Fort Walla Walla and the surrounding region.

McKenney explains how ITDD assists AHS with their research publications. “Larry’s photography of artifacts provides our department with professional quality graphics to use in different types of presentations. Foremost, the photography of the bottles will be published in the final site report.” McKenney continues to explain how these photos are used in a variety of settings, including instructional presentations, PowerPoint slide shows, and poster sessions at professional conferences.

ITDD has also assisted with occasional fieldwork, meeting with AHS at specified research sites to photograph artifacts or archaeological settings. “Our department uses digital photography to help record all fieldwork, and keeping up with the latest equipment is a challenge. Larry (Conboy) is always available for photographic equipment and software consultation. He is a great person to work with,” says McKenney. The work that Conboy does is another example of how ITDD continues to provide quality faculty support.

eLearning blog/statistics

During the 2012-2013 academic year, the ITDD blog had 121,110 visits. The highest volume of these visits occurred at the beginning of Spring Quarter 2013, corresponding with the rising faculty interest in Canvas and Canvas support. The blog posts highlighted articles about how to use Canvas, 2013 presentation materials, news about Infographic Services, and other articles related to instructional technology. This site was designed to optimize the user and viewing experience by adjusting the site according to the viewing device, whether mobile, tablet, or web browser. This way, regardless of the viewing device, users can read the blog quickly, conveniently, and on-the-go. To visit the blog go to http://sites.ewu.edu/elearningservices/blog/

Graphic Design

During this past year, University Graphics collaborated with Linda McCollum to create publish-ready images for her article in the geology publication, Fire, Rocks, and Ice, the Geology of the North West. The article is about the pre-basalt basement, or the geologic oldest rocks found in a broad belt from Cheney to Reardan and north to southern Spokane Indian Reservation. Linda requested assistance with the creation of generalized geologic maps displaying pre-basalt outcropping areas of interest in her research area. The maps can be easily updated with a quick consultation with University Graphics, keeping the materials current with her most recent research findings. Besides being used in her published articles, these maps and others she has created are also utilized in the classroom and out in the field as instructional tools.

DiscoverE Award

ITDD along with Marketing and Communications won the 2012 Regional Gold Award from the Council for Advancement and Support of Education (CASE) for the EWU DiscoverE publication. This mini-magazine is a compilation of the research projects carried out at EWU across numerous departments. The articles include Research News of Note, annual grant awards, and intriguing articles describing current research and developments happening with students, faculty, and staff. The content and design of the DiscoverE magazine made it stand out among hundreds of other scholarly publications, earning it this prestigious award.
Portraits

ITDD offers portrait opportunities to faculty and departments around campus, providing high quality digital and printed images for use in a variety of settings. During the 2012-2013 academic year, University Graphics has taken more than 200 portraits of faculty, staff, and students for programs including McNair Scholars, Alumni and Annual Giving, Orientation Leaders, and the Commencement Catalog. These portraits are conducted in a professional atmosphere within a private studio that provides personalized lighting, multiple backdrops, and space for props.

As one of the recent photography projects completed between April and May, University Graphics worked with Military Science on a total of 28 portraits, most with several wardrobe changes and poses to capture the lifestyle and personality of each individual. University Graphics worked with Marketing and Communications to combine the portraits into effective and exciting promotional materials.

Infographic Services

Recently, ITDD began providing infographic services, allowing faculty or staff to graphically present complex information or data clearly and quickly. Faculty and staff collaborate with ITDD on the analytical and design aspects of the information to best highlight the material used in an infographic. The newest infographic project was completed for the Office of Community Engagement’s (OCE) 26 Days of Kindness campaign. OCE was provided with an accurate, bold, and concise infographic representation of the campaign statistics that attracts audience attention. This new infographic service provides EWU departments, programs, centers and individual faculty another avenue for sharing their quality work.

ABOUT THIS PUBLICATION

written by Rhiannon Thompson
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BACK COVER

A selection from the more than 200 portraits of students, faculty, staff and administrators taken in the University Graphics studio throughout the 2012-2013 school year.