

Good for Students, Good for Faculty

The University of Washington Reviews the LMS



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The UW Reviews the LMS

University of Washington Information Technology
Academic & Collaborative Applications

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BY INSTRUCTURE



Today's Speakers



Jim Laney
Lead Engineer
UW-IT Academic &
Collaborative
Applications
jlaney@uw.edu



Tom Lewis
Director
UW-IT Academic &
Collaborative Applications
tomlewis@uw.edu



Karin Roberts
Assessment Manager
UW-IT Academic &
Collaborative Applications
kroberts@uw.edu



Kenneth C. Green, moderator
Founding Director
The Campus Computing Project
& Digital Tweed blogger @ *Inside Higher Ed*
<http://campuscomputing.net>



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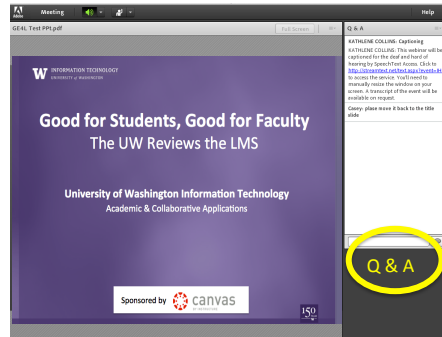


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Before We Begin

- We are using Adobe Connect. Please enter questions in the text field at the bottom of the Q&A Window. *We are monitoring the discussion and will try to bring the Q&A comments into the conversation.*
- We will not use the “raise your hand” feature.
- We are recording the webinar; the webinar archive and slides will be available later today.



Canvas LMS Pilot and Evaluation

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UW's LMS Landscape in 2011

- ~100k users in homegrown Catalyst
- Blackboard in School of Business, UW Tacoma, UW Bothell
- Moodle in School of Nursing, Educational Outreach



Why No RFP?

- ✓ Flexible, extensible eLearning platform
- ✓ Cloud-based and built for the Internet
- ✓ Speed to innovation
- ✓ Open standards and SOA
- ✓ Modern user experience



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Main Question to Answer in the Pilot

*What would make the Canvas LMS
successful at the UW?*

Overview of Canvas Pilot

Piloted during Autumn 2011 & Winter 2012

Research on user experience:

- Survey and interviews with faculty
- Survey of students
- Use cases included
 - Large lecture, small lecture, seminar, online
 - Course reuse by same instructor
 - Variety of disciplines (lacking STEM courses)

Collected data about engineering, support, and system administration needs as well

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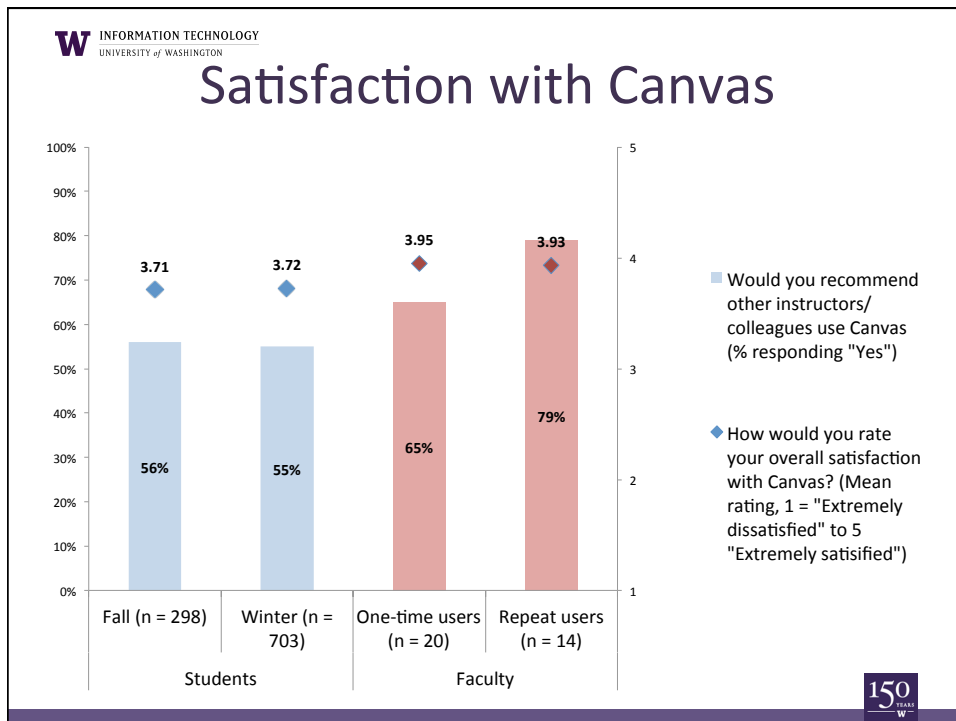
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Pilot Participants

	Autumn '11-Winter '12	
	Total	In study
Instructors	108	55
Students	5,970	1,016 (17%)
Courses	88	65

150 YEARS W

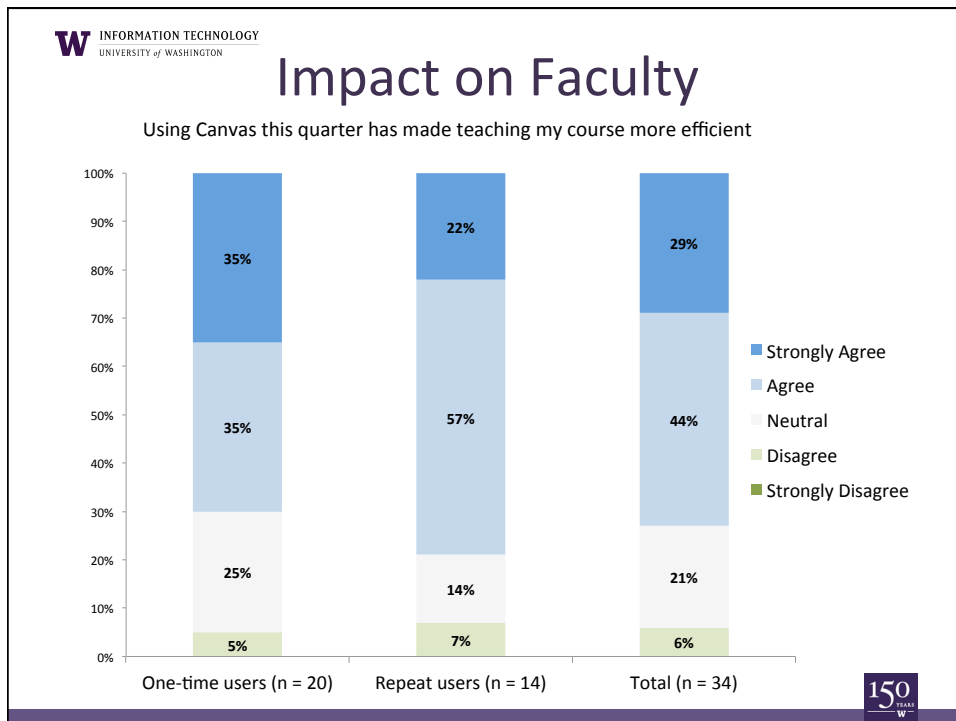
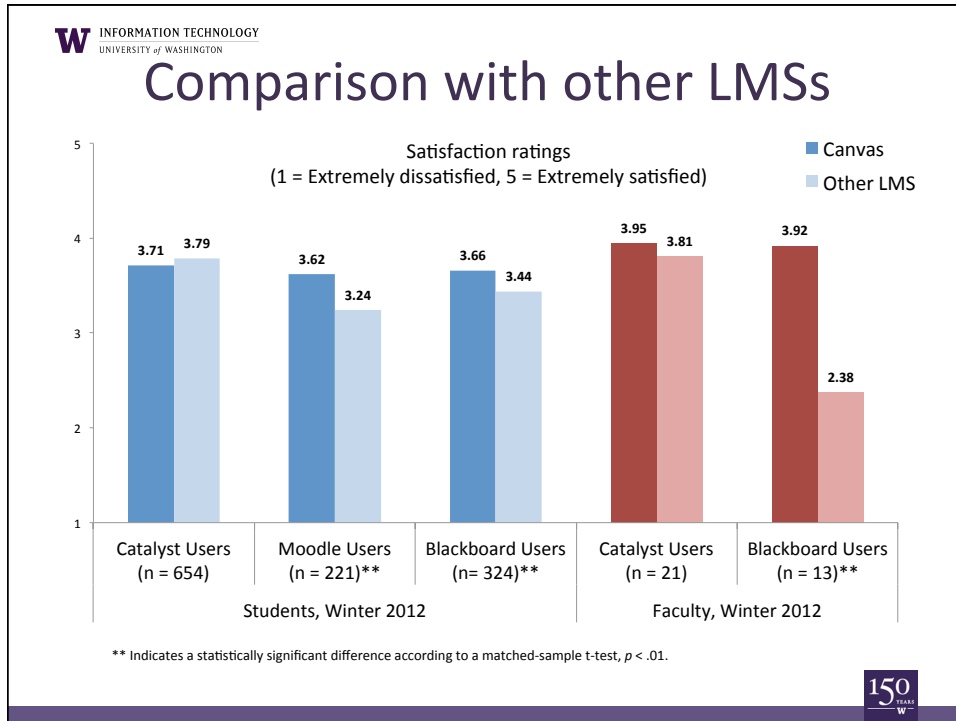


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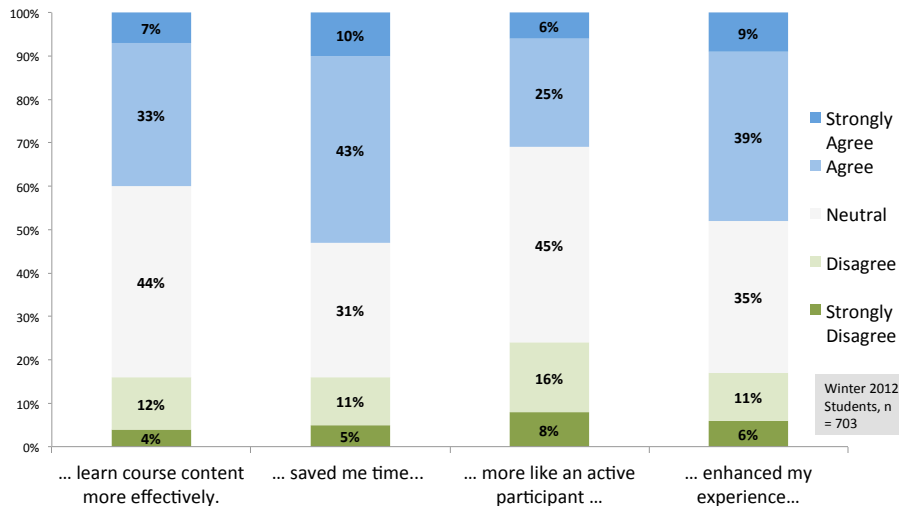
Canvas Enhanced Instructors' Teaching

- Canvas made instructors' teaching more efficient with its assignment and grading functionality

"Love SpeedGrader: efficient, allows easier comments, and uploads, easy to see state." – UW Faculty member

- Canvas enabled instructors' innovation and creativity in teaching through its unique features.

Impact on Student Experience



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Support Findings

- Canvas is a supportable product
- Majority of support effort during pilot was specific to pilot, resolved by integration and automation
- Support effort could be reduced and resources scaled for campus adoption
- Product improvement over course of pilot noticeable and encouraging
- Engineering support by Instructure adequate, access to product engineers excellent

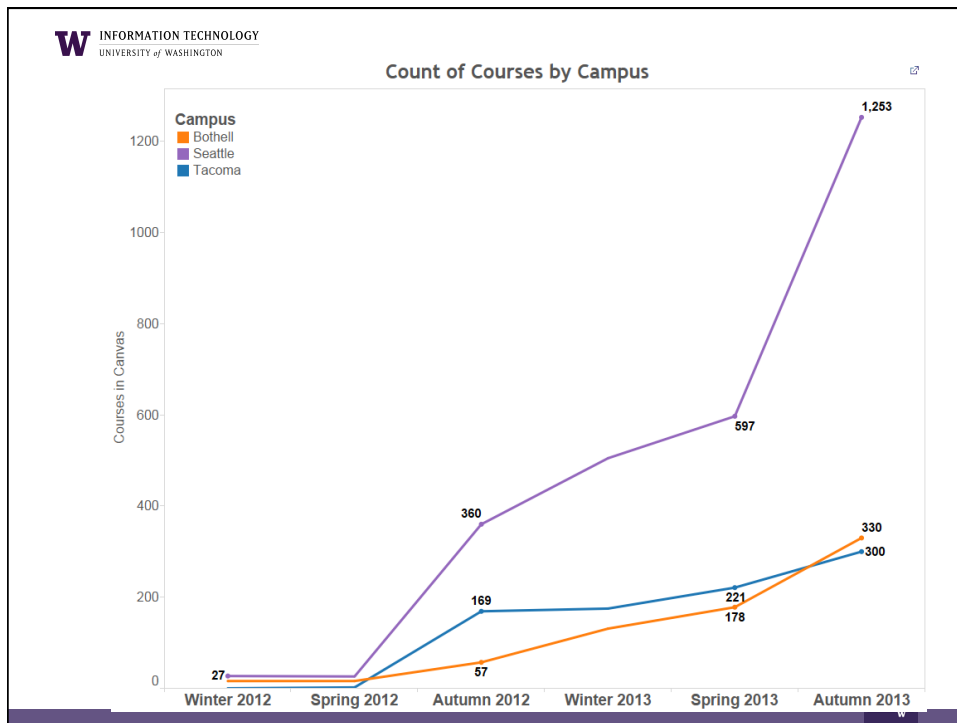
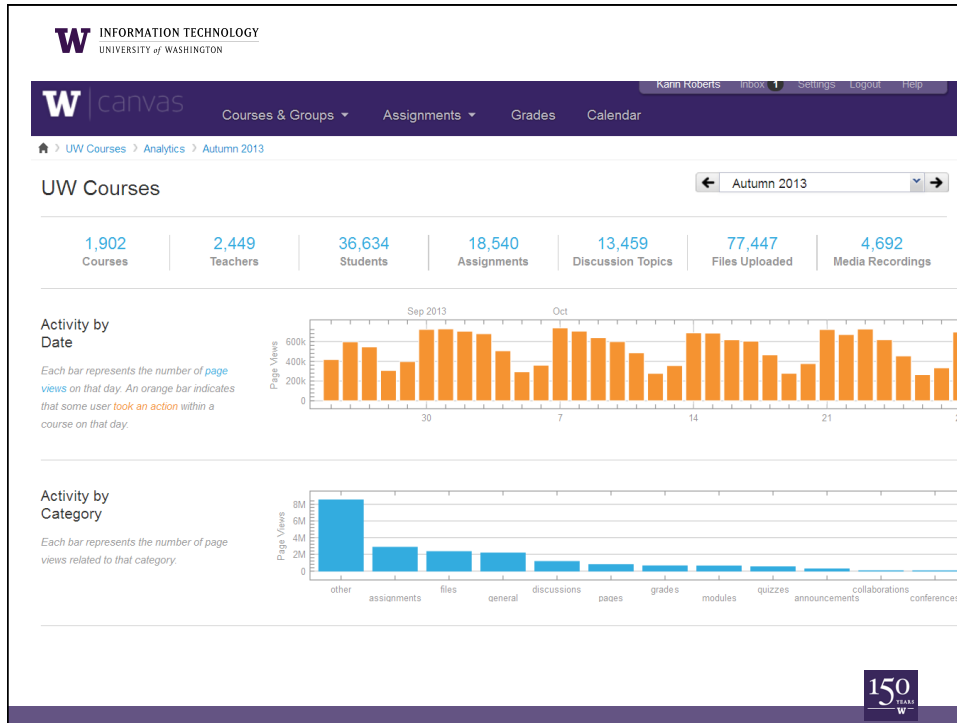
Adoption and Usage Autumn 2012 – Autumn 2013

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2012-13 Evaluation by the UW Office of Educational Assessment



Goals of OEA evaluation

- **SATISFACTION:** Are faculty and students satisfied with the Canvas?
- **IMPACT:** How has Canvas affected faculty teaching practices? How has using Canvas affected students' practices as learners?
- **USE OF CANVAS:** How are faculty and students using Canvas?

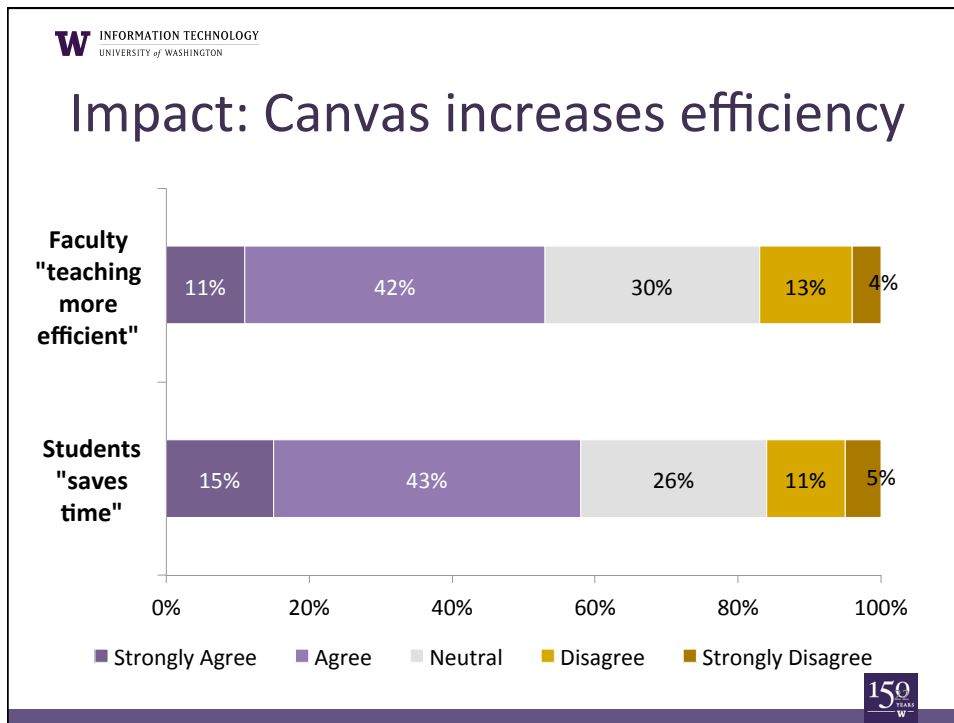
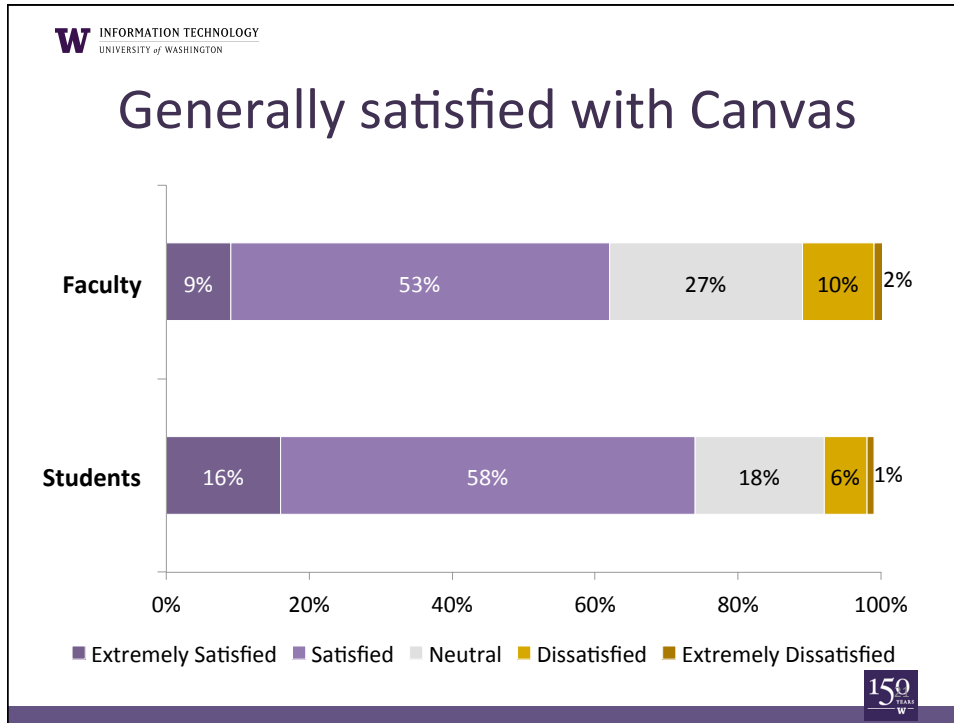


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Impact: Grading features

- Grading and tracking student progress easier and more efficient
- Online submission and grading of assignments most significant change
- Faculty have strong interest in enhancing assessment techniques, esp. with audio and video feedback



Impact: Supports innovation

- Expand content covered outside the classroom
- Reserve class time for discussion and engagement
- Integrates with lecture capture product



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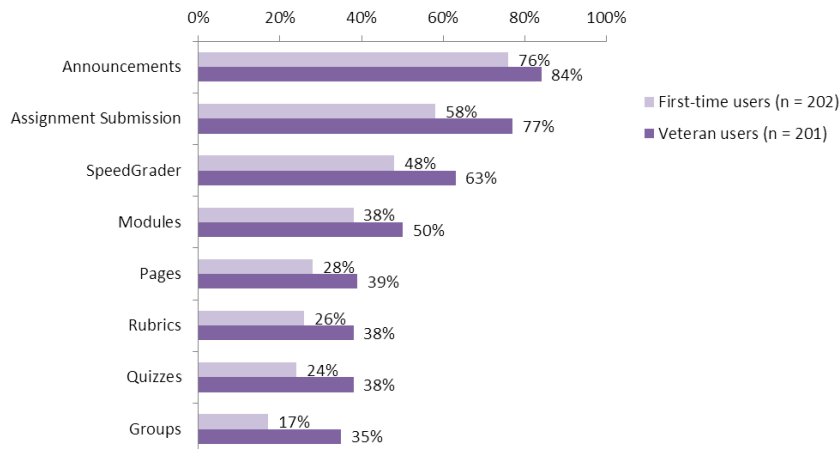


Challenge: Navigation and organization

- Navigating the course site the most commonly reported challenge
- Students: Faculty need assistance in organizing Canvas sites
- Faculty: organization a challenge, best use of modules, pages, files unclear
- Veteran users more likely to use modules



Impact: Experienced faculty use more features



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Analytics and Integrations

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Analytics

- RESTful Analytics APIs make it easy to build your own views of Canvas analytics

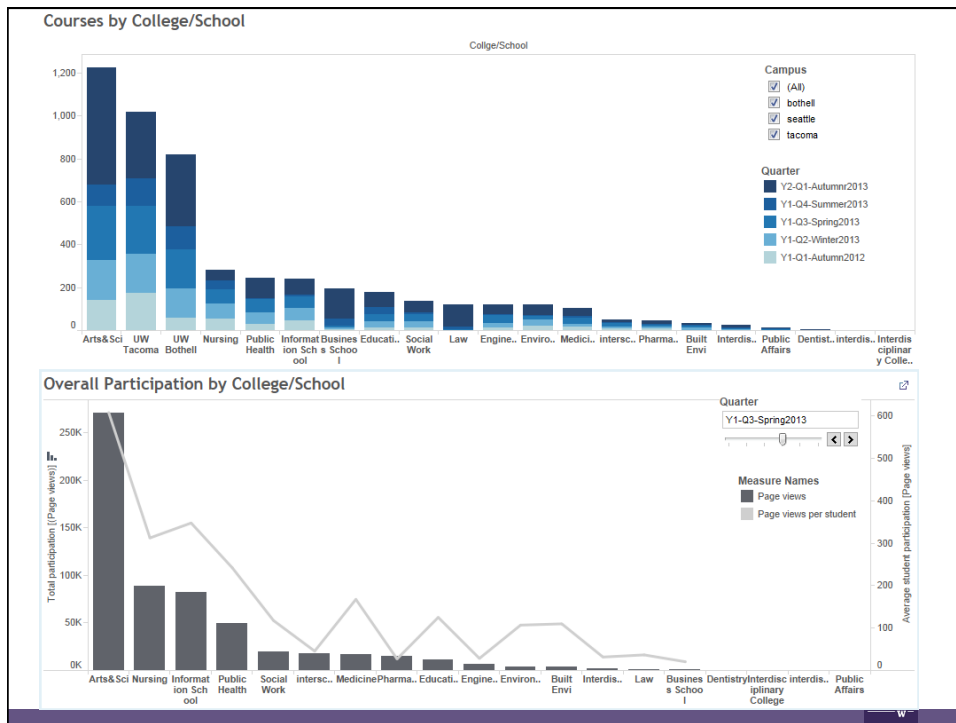
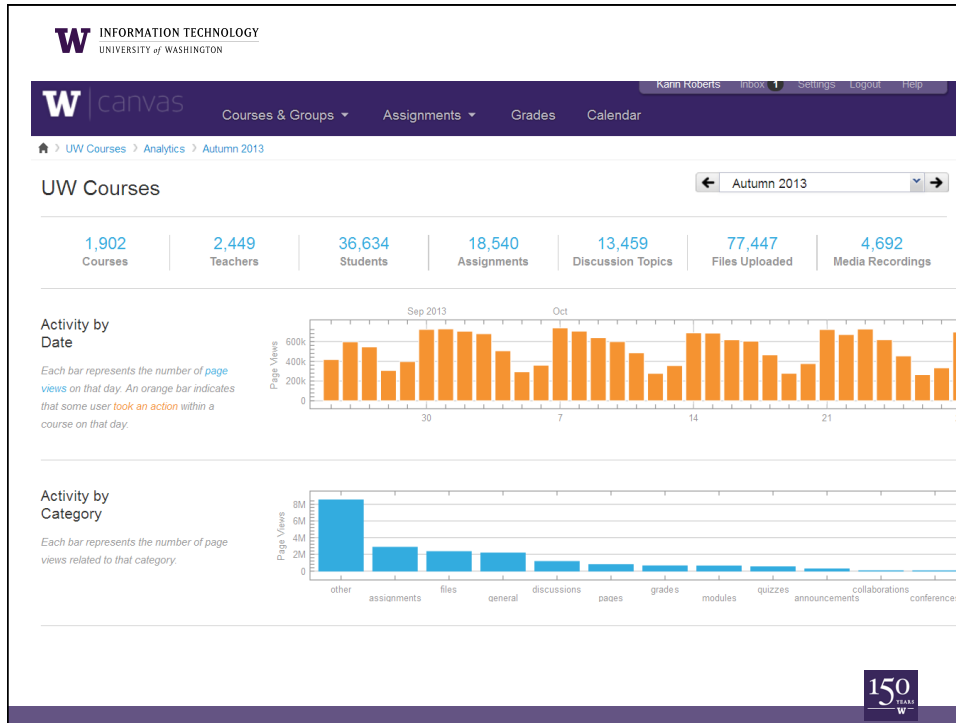
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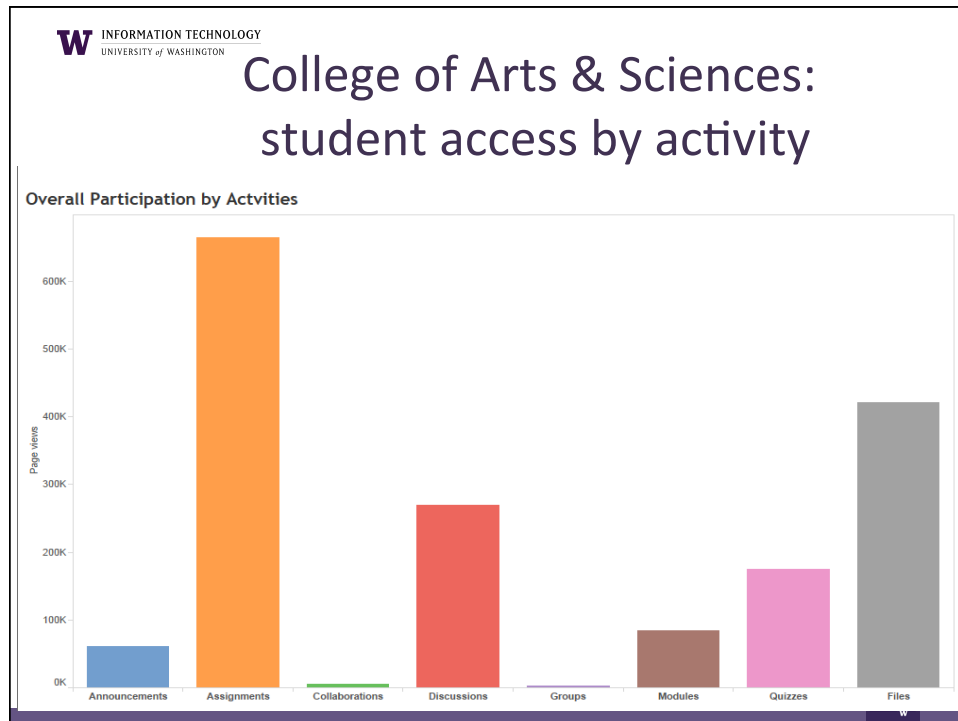


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Authentication

- Multiple options for SSO authentication (UW uses SAML 2.0)
- Built-in support for multiple SAML identity providers

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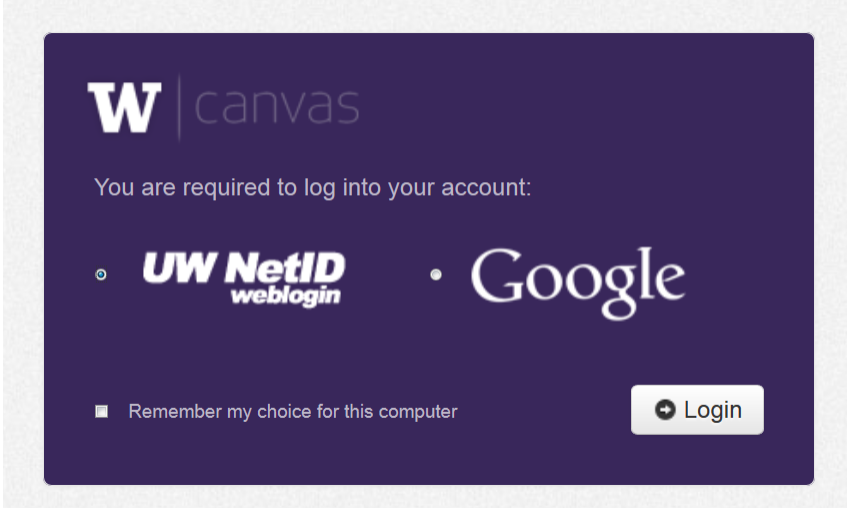


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Supporting guests with social login



W | canvas

You are required to log into your account:

UW NetID
weblogin

Google

Remember my choice for this computer

Login

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Authorization

- Flexibility for adding authorizations to course data and settings (via custom roles and sub-accounts)
- RESTful APIs make it easy to manipulate resources (accounts, courses, users, etc.) within the LMS.

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W canvas
Provisioning System
Administrative interface to the UW Canvas Provisioning System

See what's going on. Do admin-y stuff.

STATUS AND GENERAL HEALTH

Import Status Course Errors Event Frequency Event Rate

Enrollments (normal), started Aug 25, 1:05 PM
Status: Pending

25 Aug 12:00 26 Aug 12:00

USER MANAGER

Users Admins (66) Groups

Search:

UW Net ID	Role	Account ID	Added Date	Deleted
asb8	ColDeptAdminCourseDesign	uwcourse.seattle.nursing	2015-08-12T18:08:44-00:00	
asb8	ColDeptAdminCourseDesign	canvss_103078	2015-08-13T00:23:01-00:00	
jabkax	ColDeptAdminCourseDesign	canvss_84377	2015-08-12T18:08:44-00:00	DL
pkvstana	ColDeptAdminCourseDesign	uwcourse.boihel	2015-08-12T18:08:44-00:00	
igb5	ColDeptAdminCourseDesign	uwcourse.boihel	2015-08-12T18:08:44-00:00	
pmth24	ColDeptAdminCourseDesign	uwcourse.seattle.social-work	2015-08-12T18:08:45-00:00	

Showing 1 to 179 of 179 entries

COURSE SEARCH

by Course by Instructor Course ID

Term: Summer 2013

Curriculum: MATH Number: 124 Section: AA

Show Matching Courses

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Integration

- Open protocol (BLTI) for adding third-party and on-site integrations and applications

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The screenshot shows the Canvas LMS interface for a course named 'TRAIN 101 A Winter 2013'. The user is logged in as 'Kann Roberts'. The main content area is titled 'Manage users with UW Groups'. It includes a table of 'UW Groups already added' with columns for 'UW Group', 'Role', and 'Added by'. One group is listed: 'u_kroberts_tools' with a role of 'Student' and added by 'kroberts'. Below this is a section for 'Add new UW Groups' with two input fields: 'Add u_kroberts_canvas-pilot as choose ...' and 'Add type or paste UW Group ID as choose ...'. A dropdown menu is open, showing roles: 'Student', 'Teacher', 'TA', 'Observer', 'Observer with pre-term access', and 'Designer'. A 'Save' button is visible at the bottom left of the form area.

The screenshot shows the Canvas LMS interface for a course named 'ESS 102 A Autumn 2013'. The user is logged in as 'Kann Roberts'. The main content area is titled 'UNIVERSITY LIBRARIES UNIVERSITY of WASHINGTON'. It includes a section for 'Resources for Aeronautics and Astronautics' with links to 'Aeronautics and Astronautics Subject Guide', 'Citation & Writing Guide', and 'Engineering Library'. Below this is a section for 'Need help?' with links to 'Find Your Librarian', 'Ask Us!', and '"How Do I..." Tutorials'. The 'Find Your Librarian' section includes contact information for Mel deSart: 'netid@uw.edu' and '206-555-5555'.

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Resources and References

- Canvas LMS Pilot 2011-12 Final Report available online at <http://uw.edu/lst/research/papers/>



Questions?



Jim Laney
Lead Engineer
UW-IT Academic &
Collaborative Applications
jlaney@uw.edu



Tom Lewis
Director
UW-IT Academic &
Collaborative Applications
tomlewis@uw.edu



Karin Roberts
Assessment Manager
UW-IT Academic &
Collaborative Applications
kroberts@uw.edu



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