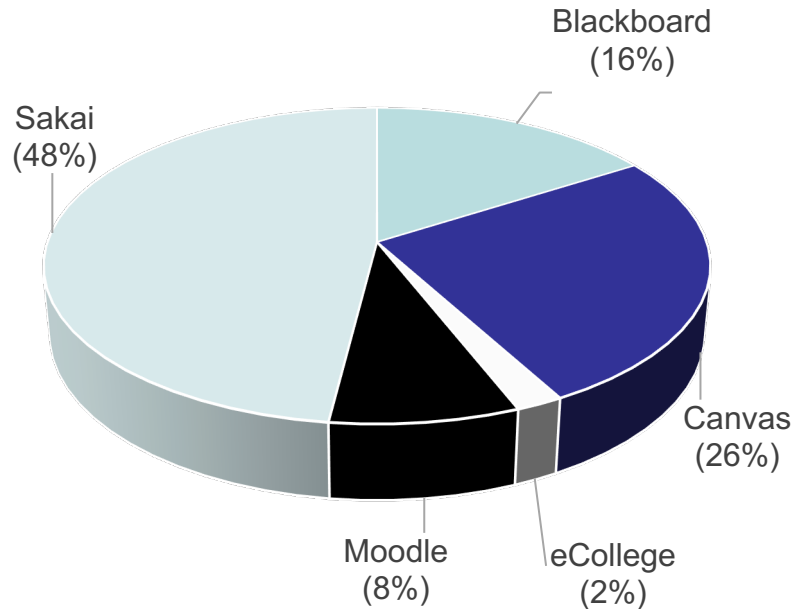# Learning Management Systems

Transition to Canvas

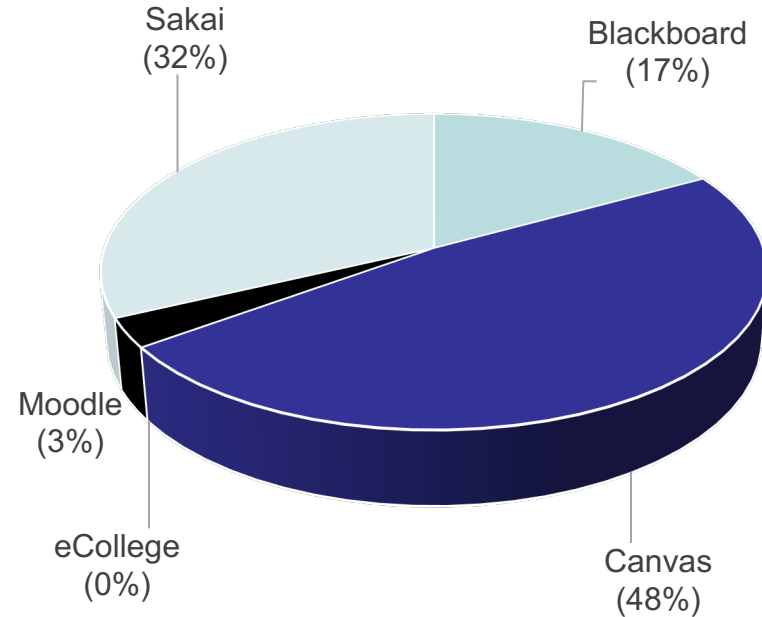Steering Committee

February 7, 2020

Agenda

- Migration Update
- K-16 Solutions (Migration Tool and Updated Process)
- LMS Technical Updates
- Recommendations for Learning Technology Ecosystem
- Next Steps

Course Inventory by LMS

Academic Year - 2018

Blackboard (16%)

Sakai (48%)

Canvas (26%)

Moodle (8%)

eCollege (2%)

Fall Semester - 2019

Sakai (32%)

Blackboard (17%)

Moodle (3%)

eCollege (0%)

Canvas (48%)

LMS Transition to Canvas

	Spring	Fall	Summer	Winter	Grand Total
2018	**8458**	**9516**	**1936**	**176**	**20086**
BLACKBOARD	1726	1879	405	41	4051
CANVAS	1632	1882	666	39	4219
ECOLLEGE	77	0	0	14	91
SAKAI	5181	5755	957	82	11975
MOODLE	637	244	312	0	1193
2019	**10712**	**11955**	**2392**	**173**	**25232**
BLACKBOARD	1817	1977	391	36	4221
CANVAS	2911	5757	1107	62	9837
SAKAI	4887	3890	741	75	9593
MOODLE	1097	331	153	0	1581

LMS Transition to Canvas

	Spring	Fall	Summer	Winter	Grand Total
2018	**8458**	**9516**	**1936**	**176**	**20086**
BLACKBOARD	1726	1879	405	41	4051
CANVAS	1632	1882	666	39	4219
ECOLLEGE	77	0	0	14	91
SAKAI	5181	5755	957	82	11975
MOODLE	637	244	312	0	1193
2019	**10712**	**11955**	**2392**	**173**	**25232**
BLACKBOARD	1817	1977	391	36	4221
CANVAS	2911	5757	1107	62	9837
SAKAI	4887	3890	741	75	9593
MOODLE	1097	331	153	0	1581

Moodle Migration Status

- All RBHS courses being taught on Canvas for Spring 2020

- All remaining Moodle courses to be migrated for Fall 2020

- Project sites moved to alternative solutions*

- Moodle System will enter a read-only state in May 2020

- Student/course data will be preserved in Moodle for 5 years

* Includes Canvas as an alternative solution

Sakai Migration Status

- Target Migrations for Summer/Fall 2020
- 23 schools with fewer than 100 fall courses (700 total)
- 4 schools with more than 100 fall courses (900 total)
- Camden has 574 courses (Camden is facilitating their own migration)
- SAS has a total of 2112 fall courses, will need to be broken down based on capacity
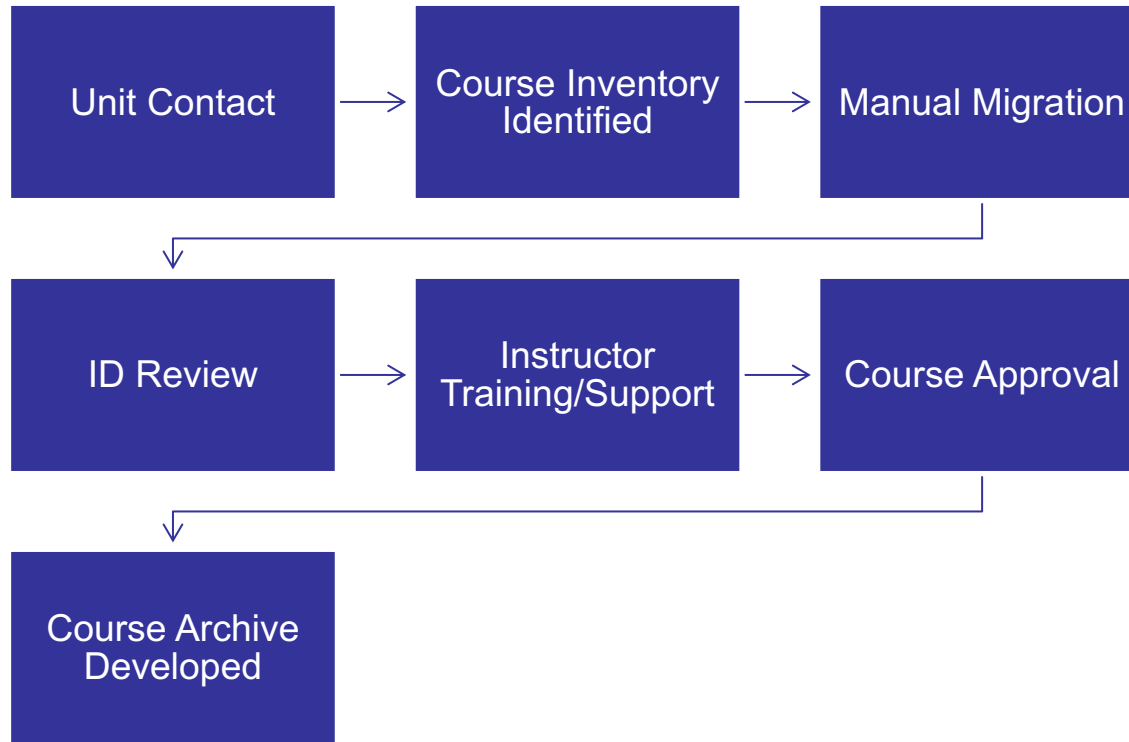
Blackboard Migration Status

- Law School – All Spring 2020 LS-N courses taught in Canvas
  - LS-N course migrations for Fall 2020 to be completed by May 2020
- Rutgers Business School –courses being migrated for Fall 2020
  - RBS has both Blackboard and Sakai courses
  - K-16 will be available to provide migration services for both Blackboard and Sakai RBS courses.
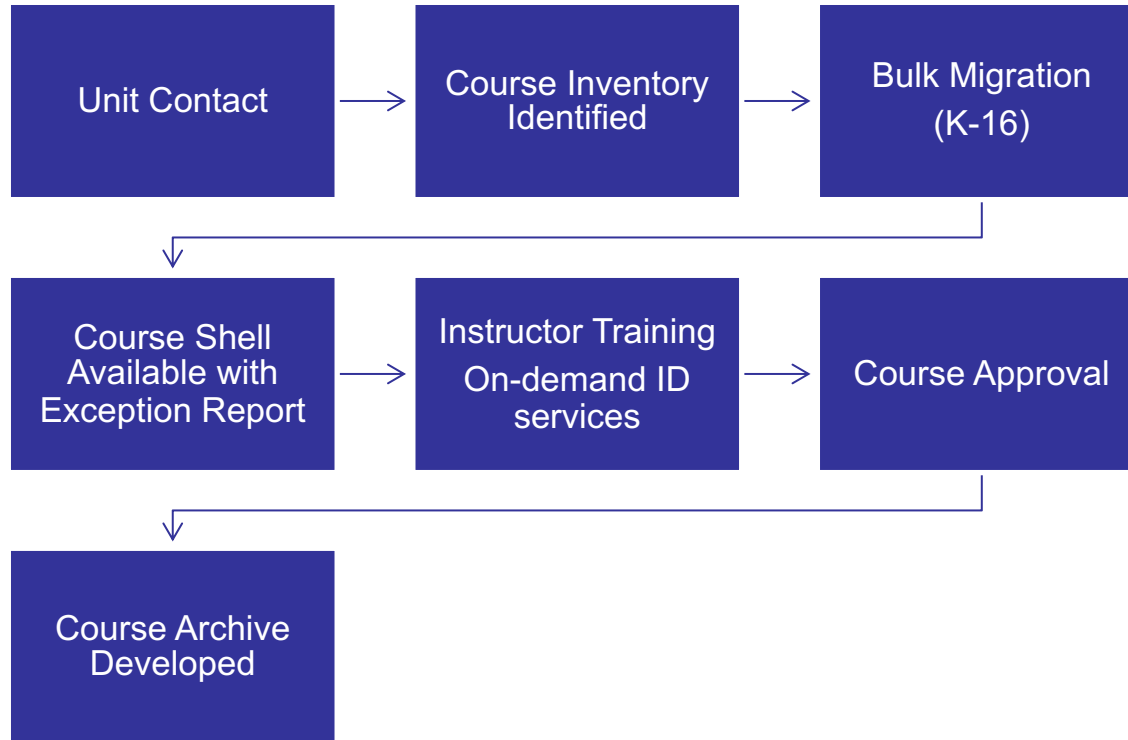- Canvas support for RU-N faculty and students will be facilitated by TLT.

K-16 Solutions Migration Tool

- K-16 completed development of an automated migration tool

- Tool is first and only migration tool available for Sakai 11

- Tool improves migration process by:
  - Process automation and bulk migration
  - Alleviates pain points
  - Produces exception report

- The agreement will allow up to 21,000 Sakai migrations and 10,000 from Blackboard

- The migration will be completed within a 2-year time frame

Migration Process Update (Manual Migration)


```
┌──────────────┐      ┌──────────────────┐      ┌──────────────────┐
│ Unit Contact │ ───> │ Course Inventory │ ───> │ Manual Migration │
│              │      │ Identified       │      │                  │
└──────────────┘      └──────────────────┘      └──────────────────┘
                                                          │
       ┌──────────────────────────────────────────────────┘
       ▼
┌──────────────┐      ┌──────────────────┐      ┌──────────────────┐
│ ID Review    │ ───> │ Instructor       │ ───> │ Course Approval  │
│              │      │ Training/Support │      │                  │
└──────────────┘      └──────────────────┘      └──────────────────┘
                                                          │
       ┌──────────────────────────────────────────────────┘
       ▼
┌──────────────┐
│ Course Archive│
│ Developed     │
└──────────────┘
```

Migration Process Update (K-16 Migration)

Unit Contact → Course Inventory Identified → Bulk Migration (K-16) → Course Shell Available with Exception Report → Instructor Training On-demand ID services → Course Approval → Course Archive Developed

LMS Technical Updates

- REGIS GradeSync – Spring 2020

- NetID Lookup in Canvas – Spring 2020

- Photo Rosters in Canvas – Fall 2020

- New Faculty Tools Portal in Canvas for local tools/apps

- Sub-Account Admin and API - access request process implemented Spring 2020 term using OIT-EAS policies

- LMS Usage Dashboard
  - https://canvas.rutgers.edu/transition/lms-usage-statistics/

Recommendations for Learning Technology Ecosystem

- Recommendations or areas of improvement collected via:
  - LMS Transition Steering Committee Discussions
  - LMS Transition Working Groups
  - ID/ITS Meetings
  - Unit Migration Meetings
  - Faculty Training
  - Project Team Discussions
- The LMS Transition Steering Committee will begin to document formal recommendations for improvements to the Rutgers Learning Technology Ecosystem

Recommendations to be Discussed

- Learning Technology Ecosystem Oversight/Shared Governance
  - U-wide Initiatives, Tool Consolidations, Future Transitions
  - Research/Awareness of Learning Technology Trends in Higher Education
  - Development and enforcement of appropriate use guidelines
- Standard Processes for Selecting, Piloting, Purchasing, and Implementing new Learning Technologies
- Clear and Defined LT Support Structure (U-wide, Campus, Local)
  - Increased Local Control in the LT Ecosystem
- Learning Technology Compliance
  - Data Security/Retention
  - HIPPA, FERPA, ADA

Recommendations to be Discussed (cont.)

- Improved Integration between Physical/Digital Learning Technology
- Facilitate Collaboration between University and Consortiums
- Improved Communication between University Community and Learning Technology Professionals
- Standardization of pedagogical, development, and review processes
- Learning Analytics Oversight and Guidance (UDP, etc.)
- Provide Oversight of Learning Technology Operations
  - Local/custom Development
  - Third Party Integrations
  - Provisioning Processes

Next Steps

- Finalize agreement with K-16 solutions for Sakai to Canvas migration tool/services

- Develop and verify new migration process

- Develop new migration schedule and communicate with academic unit leadership

- Continue LMS technical developments

- Continue development of learning technology recommendations

Appendix

Key Project Risks and Issues

Risk / Issue	Impact	Plan
Need of guidelines on use of LMS for non-academic scenarios	The need of established guidelines on the use of LMS for non-academic student use cases (demographically based sites, student groups, etc.) could negatively impact the student experience The need of guidelines creates risks around what new solutions will or won't be needed for non-instructional project sites.	Establish a Committee comprised of Faculty, Staff, Stakeholders and IT to develop guidelines and policies on the use of LMS
Need of Project Sites Solution	Approx 25,000 project sites are on Sakai.	• Users can continue to utilize legacy LMSs for non-academic use until further notice. • A use case matrix is in development to identify solutions for projects sites. • Steering Committee and Project Teams will work to fill gaps via development or procurement of new solutions.
A streamlined help desk support model would improve customer experience.	Current help desk process is a direct handoff from OIT help desk to the LMS help desk	A coordinated optimization effort should be initiated with the Rutgers Service Management Office and the two help desks.

Key Project Risks and Issues

Risk / Issue	Impact	Plan
Sakai GradeBook passback functionality to Rutgers SIS is not available in Canvas	The lack of GradeBook passback functionality in Canvas would require a manual workaround	A development effort has been identified to provide the necessary functionality in Canvas, however, target date for completion is 4Q19. Thus Sakai migrations will be deferred until available.
Sakai migration pathways are typically inefficient	Migration of Sakai content mired with issues that lead to course content to be misplaced, scrambled or not migrated at all.	Investigate alternative methods for migration: • Work with Unizin/BTAA/Instructure on a migration tool • Engage and work with an experienced migration vendor service • Hire additional instructional designers to handle lengthy (5-40 hours/course) white-glove migration
Guidelines on course provisioning	Related to guidelines on LMS use, uncontrolled provisioning may lead to unintended uses	Task committee to recommend guidelines • Scheduling/Registration generated • On-Demand • User-Requested

Outstanding Decisions

Decision	Impact	Recommendation
Need of guidelines on use of LMS for non-academic scenarios	The need of established guidelines on the use of LMS for non-academic student use cases (demographically based sites, student groups, etc.) could negatively impact the student experience The need of guidelines creates risks around what new solutions will or won't be needed for non-instructional project sites.	Guidelines to be developed by working teams and should be recommended by the SC and be submitted for policy development. Guidelines should be developed around "use cases" such as academic courses, user training, student-oriented administrative sites, student groups, etc. to ensure all potential uses are covered under future policy. Cutover dates for Legacy LMS project sites and current Canvas project sites dates need to align with AUP effect
Solution for "Project" sites – Migrate to Canvas, then grandfather or migrate to new solution?	Approx 25,000 project sites have no transition solution. Many are actively being used	Based on Peer Institution Feedback, do not allow transition of these sites to Canvas. An alternate solution should be developed.