

Digital Equity and OPE/Open Canvas LMS

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2023
23RD ANNUAL
TECHNOLOGY SUMMIT

RIDING THE WAVE
of Technology

JUNE 18-21
FT. MYERS

Corrections Education in Washington State Overview





Washington Corrections Education

- Interagency Agreement
 - Department of Corrections
 - Washington State Board for Community and Technical Colleges
- Structure
 - 8 Community and Technical Colleges
 - 12 Correctional Facilities



Washington Corrections Education

- Airway Heights Corrections Center – Spokane Community College
- Cedar Creek Corrections Center – Centralia College
- Washington Corrections Center – Centralia College
- Clallam Bay Corrections Center – Peninsula College
- Olympic Corrections Center – Peninsula College
- Coyote Ridge Corrections Center – Walla Walla Community College
- Washington Penitentiary – Walla Walla Community College
- Larch Corrections Center – Clark College
- Mission Creek Corrections Center for Women – Tacoma Community College
- Washington Corrections Center for Women – Tacoma Community College
- Monroe Command – Edmonds College
- Stafford Creek Corrections Center – Grays Harbor College

Open Prison Education





Open Prison Education

- Open-Source Canvas Learning Management System
- Student Management Console
- Sync App
- Secure Laptops
- LMS App



Open Source Canvas

- Canvas LMS – Pulled from Instructure open source and modified for offline use
- Built as a docker app for easy deployment and updates
- Can be deployed via internet or via USB drive



Student Management Console

- Bolt on tool to augment Canvas LMS
- Simple account and enrollment (much easier than SIS imports)
- Replaces YouTube – media and document library
- LTI and API integration with Canvas
- Supports converting canvas content for offline use (YouTube/Google Docs/Articles conversion tools)



Sync App

- App made to deploy docker images (Canvas LMS, SMC, etc...) via USB drive
- Easy updates for offline servers while preserving student data
- Multiple apps available for deployment (Canvas LMS, SMC, Code Combat, KALite)



Secure Laptops

- OPE Laptops – Designed to be taken back to housing units with no network/Wi-Fi and still function for learning
- Security Monitoring Features – Screen shots, logs, hardware
- Credential Process – Apply security and link to Canvas LMS
- Prison ready hardware



LMS App

- Designed to run on secure laptops – allow learning without Wi-Fi
- LMS App – Syncs with Canvas LMS while in the classroom, downloads content and translates it to be used while offline.
- Assignments – Students can turn in assignments – sync up next time in the classroom

Support





Support

- Weekly IT Meetings
- Microsoft Teams Space
- Project\Issue Tracking
- Document Center
- Active Development (bug fixes, new features) sponsored by Washington State Board for Community and Technical Colleges



Communication is Key

- Meetings: By having weekly meetings, we allow IT Staff to mention concerns and work together to find a solution.
- Microsoft Teams: Having a dedicated space for communication and sharing files\solutions has enabled communication between facilities to address issues and document solutions that any staff can review.
- Project Tracking: We have implemented project tracking to keep the work transparent for those who are involved\affected.



Documentation Center

- We have collected various online resources and made them available in an offline environment for when faculty and staff have issues, they have a way to troubleshoot when other support options aren't available.
- This also allows us to provide informative information based on access level to IT Staff, Faculty and students.



Active Development and Testing

- To assist with new version releases of the software, we run through testing new features both for documentation purposes as well as to find and eliminate critical bugs, so they don't make it into the production environments.
- This is also used to test and resolve issues that are discovered in the field.
- Discovered bugs are submitted to the repository for tracking and updating with relevant information for future troubleshooting.

Next Steps





Next Steps

- Infrastructure
 - Off State Network
- Development
 - Quiz Engine
 - Drop Box
 - Accessibility

Demonstration





Questions

- Thank You!!

