

OEI Work Plan – Technical Infrastructure

OBJECTIVES for this objective category followed by Milestones to support each objective. Due dates that have changed and new milestone dates are so noted in the column titled, "Updated Due Date".

Blue text = 2015-2016 milestones
Brown text = projected 2016-2017 milestones
Status bar: Grey bar shows progress toward completion, Black bar signifies that the objective is finished
Status columns: S=started; P=Progress toward completion; C=completion

OBJECTIVES as stated in the June 2015 work plan and based on the original work plan

Objective	Description	Status (progress line) S P C	Due Date from June 2015 work plan	Updated Due Date	Comments	Project	Status
Objective 5A: CCMS	TECHNICAL INFRASTRUCTURE - CCMS: The Online Education Initiative will offer a single uniform common Course Management System (CMS) to effectively deliver and manage online courses that provide support services to students and faculty as measured by the development and deployment of such a system and its management and delivery of online courses and support services.				Steve - all the milestones listed in the previous work plan for this objective are also represented here except those that were "ongoing"		
	Launch team technology lead in place		Dec 2013	Done		Common Course Management System	Complete
	OEI Statewide Program Director hired		April 2014	Done		Common Course Management System	Complete
	Tech Center CTO hired		Sept 2014	Done		Common Course Management System	Complete
	Form a CCMS Committee to focus on the creation and management of the CCMS RFI and RFP process		June 2015	Done		Common Course Management System	Complete
	Technical development team to develop components of the Exchange is on board		Done	Sept 2015		Course Exchange	Complete
	Refer to Objective 5I for further milestones related to the CCMS and Exchange technology development			DONE		Not Applicable - Duplicate	N/A
Objective 5B: Web-based presence	TECHNICAL INFRASTRUCTURE - Web-based Presence (removed in June 2015 work plan): The Online Education Initiative will have a user friendly, integrated, web-based presence for communication, support and program activities as measured user satisfaction and interoperability with other statewide technology services.						
	Objective removed in June 2015 work plan. This effort is led by the Student Portal committee with support from OEI and others. Refer to EPI for progress toward this activity.				Steve - you had identified this for removal in the June 2015 work plan	Determined to be not needed by CCCTC Executive Sponsor	N/A
Objective 5C: Hardware and Bandwidth	TECHNICAL INFRASTRUCTURE - Hardware and Bandwidth: Hardware and bandwidth demands will allow for course administration, development and student support at high bandwidth and low bandwidth locations as measured by technical assessment and user feedback.						
	Begin a study of systems integration and technology standards as developed by the CCC Technology Center, SAC, and the Information Security Advisory Committee (ISAC)		June 2016	Done 12/1/16	shortened 5C.1 and changed wording to "begin a..."	Common Course Management System	Complete
	Begin planning for integration of bandwidth standards into all aspects of CCMS and other integrated technologies development and overall Online Education Ecosystem		June 2016	Done 12/1/16	shortened 5C.2 and changed wording to "begin..."	Common Course Management System	Complete
	Complete a study of systems integration and technology standards as developed by the CCC Technology Center, SAC, and the Information Security Advisory Committee (ISAC)			Done 12/1/16	shortened 5C.1 and changed wording to "complete a..."	Common Course Management System	Complete
	Complete planning for integration of bandwidth standards into all aspects of CCMS and other integrated technologies development and overall Online Education Ecosystem			Done 12/1/16	shortened 5C.2 and changed wording to "complete planning for integration of..."	Common Course Management System	In Progress - Tracked in CENIC
	Further work in this area is addressed within design decisions embedded in the technical infrastructure roadmap				The other two items in 5C are "ongoing". Do you want to add milestones for reporting adherence to standards (5C.3)?	Not Applicable - Duplicate	N/A
Objective 5D: Standards and Authentication	TECHNICAL INFRASTRUCTURE - Standards and Authentication: The Online Education Initiative will offer a single uniform common Course Management System (CCMS) with configured Single Sign-On (SSO) to effectively deliver and manage online courses that provide support services to students and faculty as measured by the development and deployment of such a system and its management and delivery of online courses and support services.						
	Conduct a study of systems integration and technology standards as developed by the CCC Technology Center, SAC, and the Information Security Advisory Committee (ISAC)		Dec 2015		5D.1 - changes similar to the previous section	Common Course Management System	Complete
	Ensure colleges have single sign-on enabled using Shibboleth (or a SAML-based IDP) with Canvas to support CCCID as the systemwide federated ID			Jan 2017		SSO/CCCID/Proxy	
	Further work in this area is addressed within design decisions embedded in the technical infrastructure roadmap				All other sub-items were "ongoing"	Not Applicable - Duplicate	N/A
Objective 5E: Support	TECHNICAL INFRASTRUCTURE - Support: Instructional and technical support will be available to students, faculty and staff as needed as measured by the number of support services available and user feedback.						
	Begin a discovery process to determine the support requirements of the CCMS and other integrated technologies		June 2016	July 2015	Expand?	Common Course Management System	Complete
	Begin development and testing of the usability of OEI Ecosystem support services		Dec 2015	Done 12/1/2016	SE.2	Common Course Management System	Complete
	Further work in this area is addressed within the technical infrastructure roadmap				SE.4	Not Applicable - Duplicate	N/A
Objective 5F: Storage	TECHNICAL INFRASTRUCTURE - Storage (Data Lake): The Online Education Initiative adheres to practices that ensures data is secure, recoverable, and fully integrated with the OEI Ecosystem and System Oriented Architecture as measured by technical assessment.				Steve - Please review this section in last year's work plan - All were TBD and most were written as ongoing activities		
	Begin determining the optimal strategy for data in the S3A environment to be secure and retrievable		TBD	Done 12/1/16	Based on 5F.2	OEI Data Lake	Complete
	Begin developing a data model that reflects best practices in information security		TBD	Done 12/1/16	Based on 5F.3	OEI Data Lake	Complete
	Identify disaster recovery protocols that ensure the persistence of data access in the event of equipment failure or catastrophe.		TBD	Done 12/1/16	Based on 5F.5	OEI Data Lake	Complete
	Identify CCMS data elements for output to data repository (Data Lake)					OEI Data Lake	To be scheduled

