



District IT Project Report – Fall 2013

Completed and Current Projects

This project list is updated regularly with the current status of each project and the milestones that have been achieved. You can see the latest information on each project by going to the district [SharePoint site](#), clicking on “Technology and Learning Services” and then “IT Projects”. You can access the site directly using this URL:

<https://sharepoint.socccd.edu/tls/Lists/Projects/ListAttach.aspx>

This list is intended to give you an overview of major projects that take over two person-weeks of effort. Ongoing support, bug fixes and minor enhancements are tracked in the [district-wide IT Support Portal](#) (KACE) and are not listed here. In the last year, we closed out 2,241 KACE items and MySite was updated twice a month with college-prioritized enhancements.

Project Type	Title	Status	% Complete
Infrastructure	ATEP to IVC DR migration	Completed	100%
Infrastructure	Cisco Unity Connect	Completed	100%
Infrastructure	Cold Aisle Containment	Completed	100%
Infrastructure	Exchange 2010 Upgrade	Completed	100%
Infrastructure	Remote access two-factor authentication	Completed	100%
Infrastructure	Replace District Services common area computers	Completed	100%
Infrastructure	Transition MySite to socccd.edu domain	Completed	100%
Infrastructure	Loadbalancer Replacement	In Progress	90%
Infrastructure	Office 365 upgrade for student mail	In Progress	90%
Infrastructure	Production Isolation	In Progress	85%
Infrastructure	Video Conferencing Phase II	On Hold	85%
Infrastructure	Districtwide Network Refresh year 1	In Progress	75%
Infrastructure	IT Infrastructure Inventory management system	In Progress	45%
Infrastructure	Districtwide Network Refresh Year 2	In Progress	20%
Infrastructure	Upgrade Application Servers	In Progress	

Project Type	Title	Status	% Complete
Ongoing	Blackboard Support	In Progress	
Ongoing	Financial Aid Maintenance and Support	In Progress	
Ongoing	Fiscal System Maintenance and Support	In Progress	
Ongoing	HR/Payroll/Budget Maintenance and Support	In Progress	
Ongoing	Library System Maintenance and Support	In Progress	
Ongoing	PCI Compliance	In Progress	
Ongoing	System Health	In Progress	
Ongoing	Systems Enhancements, Maintenance, and Support	In Progress	
Security	Audit Compliance	Completed	100%
Security	Vulnerability Assessment	Completed	100%
Security	Information Security Policies and Procedures 1098-T Statements - annual prep and on-line access	In Progress	90%
Software Dev	Course Repeatability Modifications	Completed	100%
Software Dev	Electronic Transcripts	Completed	100%
Software Dev	Implement cross-college course repeat checking	Completed	100%
Software Dev	Implement new repeatability rules	Completed	100%
Software Dev	MAP Upgrade	Completed	100%
Software Dev	Modify CSIS to support changes to faculty contract	Completed	100%
Software Dev	MySite Mobile	Completed	100%
Software Dev	Sherpa	Completed	100%
Software Dev	SIS Curriculum System (CurricuSIS)	Completed	100%
Software Dev	Xelleration workflow exercise: IT Provision Request	Completed	100%
Software Dev	Cut over to 7 digit student IDs	In Progress	95%
Software Dev	Schedule Planning Tool Interface to CSIS	Completed	100%
Software Dev	Predictive Analytics Development	In Progress	90%
Software Dev	Student Account Task Force	In Progress	90%
Software Dev	Awards Management System	In Progress	75%

Project Type	Title	Status	% Complete
Software Dev	Matriculation SEP System	In Progress	75%
Software Dev	TracDat-SharePoint Integration - Installation and Implementation	In Progress	50%
Software Dev	MySite Help System	In Progress	35%
Software Dev	Online Class Schedule Refresh	On Hold	30%
Software Dev	Sherpa Implementation	In Progress	20%
Software Dev	Modify SIS to support new enrollment priorities (AR-5210)	In Progress	10%
Software Dev	Develop new EOPS system	On Hold	
Software Dev	Predictive Analytics Pilot	Not Started	
Software Third Party	Degree Audit RFP	Completed	100%
Software Third Party	District Services SharePoint Governance Taskforce Goals 2011-2012	Completed	100%
Software Third Party	Perceptive ECM implementation	Completed	100%
Software Third Party	SharePoint 2010 - Adjustments & Improvements	Completed	100%
Software Third Party	TeamDynamixHE Software for IT Governance	Completed	100%
Software Third Party	TracDat for District Services Administrative Unit Reviews - Implementation	Completed	100%
Software Third Party	TracDat for District-wide Strategic Plan - Implementation	Completed	100%
Software Third Party	Implementation of Lightening Tools into inFORM	In Progress	50%
Software Third Party	Finance and HR/Payroll Systems Replacement	In Progress	5%
Software Third Party	Degree Audit Technical Implementation	In Progress	2%
Software Third Party	Blackboard Plug-ins	In Progress	
Training/Support	SharePoint Design, Training	Completed	100%
Training/Support	TFS Scrum Master Training	Completed	100%
Training/Support	Training Resources for SharePoint 2007/2010	Completed	100%
Training/Support	Training Hub	In Progress	50%

2013/14 New Projects

The *District-Wide Technology Committee* (DTC) prioritizes the list of requested projects. Annually, DTC submits recommended projects to the *Basic Aid Allocation Recommendation Committee* (BAARC) to be considered for funding. The following 2013/14 projects were funded with basic aid. For more details, you can access the [District IT project site](#) noted above or contact the manager responsible for that project.

Project Name	Description	Contact Person
District-wide Network Refresh Year 2	<p>The current district-wide voice and data network was implemented in 2005 and is reaching end of life. In July 2012, the board approved a basic aid project for year one of the district-wide network refresh project. The objective of the year one project was to address hardware that had already reached end of life or whose end of life was within the 2012/2013 fiscal year.</p> <p>This year two project continues the network refresh. Prioritization for the fiscal year 2013/2014 is to replace district-wide network components that will reach end of life within the next fiscal year. The next priority is to replace and upgrade all remaining voice and data hardware.</p>	<p>Jeff Dorsz Bruce Hagan Anthony Maciel</p>
Student Success Dashboard	<p>The goal of this project is to produce a student success dashboard that will allow students one place to see the progress they are making toward achieving their academic goal(s).</p> <p>In addition, the dashboard will also facilitate online processes within service areas that would allow students to obtain information and access resources within MySite. Potential services include information on academic standing and priority registration status, step-by-step instructions to completing matriculation and applying for a degree or certificate.</p>	<p>Jim Gaston</p>
MAP Upgrade	<p>This project will continue to keep programming and quality assurance (QA) consultants dedicated to the My Academic Plan (MAP) system. We have made great progress over the last year using a small but focused team. The ongoing development of MAP is guided by the MAP Design Team which is comprised of counselors from both colleges. The team meets every other week to review progress, prioritize requests and plan implementation of new features.</p>	<p>Jim Gaston</p>
Student Information System (SIS) Enhancements	<p>This is not a traditional project, rather it is a collection of small to medium sized enhancements and modifications to the Student Information System (SIS). The SIS changes that will be funded based on this request consist of mandatory system modifications and elective enhancements. Mandatory system modifications are those required by state or federal government, bargaining unit contract, or changing business requirements. Enhancements are changes requested by SIS users to improve the system in terms of efficiency, performance, or function. A change prioritization group with representation from both colleges meets regularly to select items from the backlog to be implemented in the subsequent monthly development cycle.</p>	<p>Jim Phaneuf</p>

Project Name	Description	Contact Person
New Library System	The costs needed to maintain the current district-wide SIRS Online Public Access Catalog are growing annually. In addition, IT resources needed to maintain SIRS by the District are increasing due to many software updates on aging equipment. The new OCLC WorldShare platform is a cloud-based solution that is maintained entirely at OCLC. This will reduce the strain on district IT resources needed to maintain the current bibliographic management system. Also, OCLC WorldShare realizes efficiencies by integrating operations district-wide and eliminates the need for each individual library to export records from OCLC to a local system. Rather, the routine tasks of ordering, acquiring, and cataloging items is consolidated and performed all on a single platform, freeing up library resources for other purposes.	Jim Phaneuf
Desktop Refresh	The IT departments at both campuses and district need to replace their desktops prior to their end-of-life in order to maintain the current stability in our equipment.	Jeff Dorsz Bruce Hagan Anthony Maciel
District-Wide Hardware Refresh	Key server hardware infrastructure at the campuses and the district has reached end of life and end of support. To ensure the availability college and district-wide services, this infrastructure needs to be replaced.	Jeff Dorsz Bruce Hagan Anthony Maciel
HR/Finance System – Year 2	It is the District's intent to purchase and implement a financial information system and human resource/payroll system. The District is looking to implement this new software using the ideal processes that were identified during the Business Process Review Workshops held with extensive participation by college and district staff	Jim Phaneuf
District-wide Virtual Desktop Infrastructure – Phase 1 (Planning)	This project is to put together a project plan and configuration sheet for a common VDI solution between all entities. This project plan will be focused to define the standards for the servers, storage array, backup solution, redundancy, policies, software and desktop devices. Additionally the outcome document will also provide configurations for VDI services in order to assure compatibility and best practices are implemented.	Jeff Dorsz Bruce Hagan Anthony Maciel
Waitlist Modification	The goal of this project is to replace the current Priority Add List (PAL) with a new waitlist feature that works better for students and faculty. There has been considerable confusion and dissatisfaction with the current PAL system. Students who elect to be added to a PAL do not have any advantage over other students in vying for a seat in a newly reopened class. The proposed new waitlist will address this shortcoming, while preserving the ability of the faculty to use the waitlist as a tool for admitting petitioning students.	Jim Gaston

Project Name	Description	Contact Person
MySite Message Customization	There are numerous messages that are displayed to students as they navigate MySite to conduct registration and payment transactions. It is very important that these messages be clear and succinct to make the student MySite experience as intuitive as possible. Changing these messages currently requires a programmer to make modifications in the system and the timing of the change is dependent on the development and release cycles of District IT. This project will provide a mechanism for authorized college staff to directly modify the messages in MySite and implement that change immediately.	Jim Gaston
Year One Consolidation and Expansion of District Enterprise Backup Solution	The current data backup environment for the district consists of multiple software and hardware solutions, and varying strategies for data retention and recovery. The end result is a system that is not uniform, difficult to manage, and difficult to plan for the future. These problems increase the risk of backup failure and recovery in the event of hardware failure or disaster. Additionally the Avamar backup solution in use at IVC has been out of compliance for several years and needs to be licensed appropriately.	Jeff Dorsz Bruce Hagan Anthony Maciel
Enhance MySite Security and Permission Role Management – Phase 1	The goal of this project is to streamline role management and improve security within MySite and SIS by adding more precise controls and moving management of these functions to the responsible managers and administrators.	Jim Phaneuf
Facilities Management and Master Calendar Integration with CIS	The colleges currently do not have one authoritative source of information that can produce an accurate master calendar listing all facility usage. Classrooms are scheduled using the Class Scheduling and Instructional Staffing (CSIS) system but non-instructional use of classrooms and other facilities are scheduled using a variety of systems and tools. The purpose of this project is to create or acquire a system that can schedule all facility usage and interact with the conflict checking capability in CSIS to avoid classroom conflicts.	Jim Phaneuf
Online Catalog	To digitize and electronically distribute the campuses course catalog and create efficiencies. Under the present system, IVC and SC marketing are subsidizing not only the design and layout of the publication, but also the printing costs. We propose to move this online and allow for students to obtain a printed copy, only as needed.	Bruce Hagan
International and Student Scholar Management	International and Student Scholar Management is a database for supporting the admission and monitoring enrollment of International Students. The database automates the current manual, labor and paper intensive process of admitting and monitoring international students. This software has real time integration with SEVIS (federal reporting system) and can be integrated with MySite. International students generate substantial revenue in nonresident tuition for both colleges.	Bruce Hagan

Major Projects Timeline – 2013/14

ID	Project	2013						2014												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	Network Refresh:wifi	█																		
2	Student Success Dashboard																			
3	Matriculation SEP (First Semester Plan)	█																		
4	MAP Upgrade																			
5	SIS Enhancements	█																		
6	New Library System																			
7	District Services Desktop Refresh	█																		
8	District-wide Server Hardware Refresh	█																		
9	Waitlist Modification																			
10	MySite Message Customization																			
11	Degree Audit Technical Implementation																			
12	Degree Audit Functional Implementation																			
13	Awards Management System	█																		
14	AR 5210 Implementation	█																		
15	Predictive Analytics Development	█																		
16	Predictive Analytics Pilot																			
17	Open CCCApply																			
18	MySite Help																			
19	Role Management Phase 1																			
20	Facilities Management/CSIS Integration																			
21	Sherpa Implementation	█																		
22	HR & Fiscal System Implementation	█																		
23	Network Refresh: Fiber	█																		
24	Network Refresh: Telephony	█																		
25	Network Refresh: Core Switches	█																		
26	Network Refresh: Edge Switches	█																		

Conclusion

To create software, District IT uses an inclusive “Agile Scrum” method that is heavily dependent upon participation from the colleges. Accordingly, this document does not reflect the work of District IT alone but rather the accomplishments of the colleges working in collaboration with District IT. We want to thank the dozens of managers, administrators, students, faculty and staff that work with us each year and we look forward to continued collaboration in the year ahead.

Please let us know if you have suggestions to improve the level of service we provide to the colleges.

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Jim Gaston	Director of Academic Systems (Systems directly serving students and faculty)	Ext. 4336 jgaston@socccd.edu
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