



UW-Superior Instructional Technology (IT) Strategic Plan

University Strategic Initiatives which govern the IT Strategic Plan:

- I. Student Experience:** The University will provide students with transformative, collaborative, flexible and career-relevant learning experiences.
- II. Thriving Partnerships:** The University will deliver innovative programs that enhance the vitality of the region.
- III. Achieving Excellence:** The University will be a diverse community that attracts, supports, and recognizes high-achieving students and employees.
- IV. Resource Management:** The University will establish and maintain an infrastructure to promote accountability, sustainability, and continuous improvement.

*The University Strategic Plan is a living document that evolves as the Strategic Planning Core Team (SPCT) continuously reviews the document annually and establishes priorities for the subsequent two years. Please reference the update version of the Strategic Plan for more details. **The IT Strategic Plan will be guided and run parallel to the university's strategic plan.***

Abbreviations:

AP	Academic Partnerships	ECOAD	Executive Director of Outreach and Alternative Delivery	SPCT	Strategic Planning Core Team
ADAA	Associate Dean of Academic Affairs	GRO	Grants and Research Office	TLRC	Transportation and Logistics Research Center
		HLC	Higher Learning Commission	TS-APP	Tech Services - Applications
CAEO	Center for Adult Education and Outreach	HR	Human Resources	TS-INF	Tech Services - Infrastructure
CCEL	Center for Community Engaged Learning	IAS	Instructional Academic Staff	TS-US	Tech Services – User Support
CETL	Center for Excellence in Teaching and Learning	IT	Instructional Technology	UAAC	Undergraduate Academic Affairs Council
CLM	Classroom/Lab Modernization	LSNERR	Lake Superior National Estuarine Research Reserve	URMS	Under Represented Minority Students
CVNT	Center for Veterans and Non-Traditional	LSRI	Lake Superior Research Institute	URSCA	Undergraduate Research, Scholarship and Creative Activity
DEPTS	Academic Departments	MC	Marketing and Communications	VCAF	Vice Chancellor for Administration and Finance
DL	Distance Learning	MEI	Making Excellence Inclusive	VCEM	Vice Chancellor for Enrollment Management
DOF	Dean of Faculty and Graduate Studies	NAU	Non-Academic Units	VCUA	Vice Chancellor for University Advancement
DSA	Dean of Student Affairs	OIE	Office of Institutional Effectiveness		

I. IT Strategic Plan Initiative I: Student Experience: The IT plan will support transformative, collaborative, flexible and career-relevant learning experiences for students.

Action Steps	Progress					Resource Implications/est. \$ amt.	Implementation Oversight
	FY 17 (July 1, 2016-June 30, 2017)	FY 18 (July 1, 2017-June 30, 2018)	FY 19 (July 1, 2018-June 30, 2019)	FY 20 (July 1, 2019-June 30, 2020)	FY 21 (July 1, 2020-June 30, 2021)		
I.1 Digital upgrade for Swenson Hall Classrooms. Replace analog switchers and cabling in 32 classrooms.	Apply for CLM funding to replace 1/3 of analog classroom switchers and cabling	Apply for CLM funding to replace 1/3 of analog classroom switchers and cabling	Apply for CLM funding to replace 1/3 of analog classroom switchers and cabling			\$50,000	TS-US
I.2 Computer replacement on a scheduled basis. Includes labs and offices. Need 200 replacements per year to maintain a 5 year replacement cycle.	Work with administration to determine funding sources. Investigate lease vs. purchase.					Approximately \$125,000 annually	TS-INF TS-US
I.3 Replace EoL Network switches with those that support new Wi-Fi technologies and speeds		Replace all EoL switches between June and August				\$257,156.00	TS-INF
I.4 Replace 128 Wi-Fi access points	Approx. 40 replaced w/ STF by Sept. 2016		Replace all 128 points by September 2018			Cost for remaining points is ~\$64,000	TS-INF
I.5 Migration of student and staff email systems to Office 365	Working Prototype in place	All users to be migrated by August				Approximately \$20,000 in consulting fees	TS-INF
I.6 Increase Flexibility of program delivery through cloud based video conferencing for distance learning.	Expand Zoom videoconferencing pilot to AP and Math/Computer Science	Investigate feasibility of site licensing				\$2,800-\$4,800	TS-US

II. IT Strategic Plan Initiative II: Thriving Partnerships: The IT plan will support innovative programs that enhance the vitality of the region.

Action Steps	Progress					Resource Implications/est. \$ amt.	Implementation Oversight
	FY 17 (July 1, 2016-June 30, 2017)	FY 18 (July 1, 2017-June 30, 2018)	FY 19 (July 1, 2018-June 30, 2019)	FY 20 (July 1, 2019-June 30, 2020)	FY 21 (July 1, 2020-June 30, 2021)		
II.1 Support of the Academic Partnerships and the online Master's in Education programs.	Created systems and reporting in support of the AP delivery model					300+ hours in support of the project	TS-US TS-APP TS-INF

III. IT Strategic Plan Initiative III: Achieving Excellence: The IT plan will support a diverse community that attracts, supports, and recognizes high-achieving students and employees.

Action Steps	Progress					Resource Implications/est. \$ amt.	Implementation Oversight
	FY 17 (July 1, 2016-June 30, 2017)	FY 18 (July 1, 2017-June 30, 2018)	FY 19 (July 1, 2018-June 30, 2019)	FY 20 (July 1, 2019-June 30, 2020)	FY 21 (July 1, 2020-June 30, 2021)		
III.1 Draft and implement IT security policies to protect cyber infrastructure	Draft 7 IT security policies. Implementation and effective prior to fall 2016 semester	Align Campus with the five UW-System Security Policies					TS-INF
III.2 Create systems that support diversity and inclusiveness	Instituted preferred name for students and a system to allow self-service maintenance of gender identity preferences. Begin planning for preferred name integration between HRS and Campus Solutions	Institute preferred name integration between HRS and campus solutions system					TS-APP

IV: IT Strategic Plan Initiative IV: Resource Management: The IT plan will support an infrastructure to promote accountability, sustainability, and continuous improvement.

Action Steps	Progress					Resource Implications/est. \$ amt.	Implementation Oversight
	FY 17 (July 1, 2016-June 30, 2017)	FY 18 (July 1, 2017-June 30, 2018)	FY 19 (July 1, 2018-June 30, 2019)	FY 20 (July 1, 2019-June 30, 2020)	FY 21 (July 1, 2020-June 30, 2021)		
IV.1 Upgrade of PaperCut software from NG to MF to manage copiers and invoicing.	Purchase PaperCut MF and implement on all campus printers					\$2,000	TS-US TS-INF
IV.2 Implement a standard business process management and workflow solution for the campus	Begin process to create position to manage application. Acquire software Begin implementation including training	Go-live with software solution and begin streamlining				Between 50-60 K annual + fringe for position. Software depending on deployment ~50K up front with 10k annual	TS-APP TS-INF
IV.3 Campus-wide event management and classroom scheduling software system	Begin meeting and planning for software. Secure funding						TS-APP
IV.4 Implement PeopleSoft major release upgrade to version 9.2	Prepare systems and staff for upgrade FY 2018 upgrade including	Upgrade existing system to 9.2				500 – 1000 hours of work between IT and End-Users IT training costs estimated 6 to 8k no additional hardware costs are anticipated	TS-APP
IV.5 Move Student information system from SQL database to Oracle database to align with the rest of UW and prepare to centralized server management		Begin initial planning	Engage consulting and implementation			No estimate available at this time but would expect this to be 25-50k	TS-APP TS-INF
IV.6 Move PeopleSoft Server management to UW Utility			Begin planning for move of Campus Solutions servers and	Move systems to hosted utility			TS-APP TS-INF

Action Steps	Progress					Resource Implications/est. \$ amt.	Implementation Oversight
	FY 17 (July 1, 2016-June 30, 2017)	FY 18 (July 1, 2017-June 30, 2018)	FY 19 (July 1, 2018-June 30, 2019)	FY 20 (July 1, 2019-June 30, 2020)	FY 21 (July 1, 2020-June 30, 2021)		
			administration to hosted utility				
IV.7 Migrate from existing telephone system to VoIP system capable of unified communications and E911.		Migration between June and August				Approximately \$8,000/month plus the initial \$60,000 investment in handsets	TS-INF
IV.8 Campus-wide centralized digital signage system	Equipment and Software Purchased	First four building online		All buildings have a centralized digital signage presence		Approximately \$17,000 for presence in first four buildings	TS-INF
IV.9 Upgrade endpoint management system and migrate lab and staff computers to Windows 10	Consulting Services Purchased	Project Kickoff	Project Completion			Approximately \$50,000	TS-INF
IV.10 Campus Fiber Optic Backbone Replacement	Study Initiated	Study Complete	Project Initiation	Project Completion		Estimate \$800,000	TS-INF
IV.11 Integrate Alertus and RAVE Alerts in order to increase the avenues available to disseminate emergency information	Alertus and RAVE Integration Complete	Complete documentation, end-user training and handoff				Approximately \$8,000	TS-INF
IV.12 Offer Campus videoconferencing rooms for rental to outside constituents.	Continue working with WI Department of Administration and Wisconsin Public Television with rental as needed					Brings in \$1500 - \$3000 annually	TS-US