

Minnesota State University, Mankato

FY2013 Institutional Equipment Prioritization Work Group Recommendations

FY2013 Institutional Equipment Spending Budget Target **\$1,000,000**
 Less: Prioritization Work Group Recommendation Running Total **\$998,418**
 Difference **\$1,582**

Report Date: April 27, 2012

Prioritization Work Group Members:

- Steve W. Smith, Chair, Finance & Administration (Administrator)
- David Cowan, Facilities Services (Managerial)
- Bryan Hoffman, ITS (MAPE)
- Michael Peters, Physics & Astronomy (MGEC)
- Colleen Royle, School of Nursing (IFO)
- Warren Sandmann, Academic Affairs (Administrator)
- Bryan Schneider, ITS (MMA)
- Carol Stallkamp, President's Office (Administrator)

Items Recommended for Funding By Prioritization Work Group

Item #	Divisional Priority	Division	Departmental Unit	Equipment / Furnishing Description	Rationale	Match	Quantity	Unit Price	Total Request	Divisional Running Total	Recommended for FY13 Inst Equip Funding (Type in Yes or No for automatic calc in next column)	Recommended for FY13 Inst Equip Funding Running Total	Comments
A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	1	Academic & Student Affairs	Chem and Geol	Frantz Magnetic Barrier Lab Separator	The magnetic separator is a standard item in a Geology lab, and is used to separate minerals from one another by means of their varying magnetic susceptibility. The separated minerals can then be analyzed in various ways, including X ray diffractometry and elemental and isotopic geochemical techniques. The item will be used in several Geology classes (Geol 201, 302, and 320) and in Independent Study projects, is not a replacement of an existing item, and performs an important function.	\$4,000.00	1	\$22,871.00	\$18,871.00		Yes	18,871.00	
2	2	Academic & Student Affairs	DHYG	Dexis Platinum Digital X-ray Sensor - HSI# 114-1943	We currently have 4 sensors and 5 rooms with 10 students in lab so students need to share. When there is a clinic running in conjunction to a radiology lab it reduces the number of sensors to 3.	SCC Match1-1	1	\$9,600.00	\$9,600.00		Yes	28,471.00	
3	3	Academic & Student Affairs	Finance	Computer Workstation: Dell Optiplex 790 with Dual Monitors	Provide computing power to support the Maverick Student Investment Fund in conducting financial analysis of the market. Also provides a place where limited license software can be placed to allow greater access by students.		13	\$1,100.00	\$14,300.00		Yes	42,771.00	
4	4	Academic & Student Affairs	CETL	desks and chairs for office areas, seating and tables for common areas, chairs and tables for coffee area, long table and chairs for conference room	New Faculty Development Office in the Library will require new furniture		7 desks, 7 Chairs, 18 Chairs, 3 tables, 6 loveseats, 4 work tables, 12 chairs, 3 tables, 1 conference room table, 10 conference room chairs	\$2,000 per Desk, \$1,200 per chair, \$200 per chair, \$1,400 per table, \$2,100 per loveseat, \$1,100 per work table, \$800 per chair, \$800 per table, \$2,200 per conference table, \$1,200 per conference room chairs	\$73,400.00		Yes	116,171.00	

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5	5	Academic & Student Affairs	Admissions	High volume address printer	Our current printers are not designed to handle the volume of envelopes that we have given our increase of prospective and admitted students over the past few years. We need a higher volume machine to handle our recruitment communications.	\$500.00	1	\$10,000.00	\$9,500.00		Yes	125,671.00	
6	6	Academic & Student Affairs	GSR	COMputers, monitors, printers and scanners	Equipment is all needed for maintaining current operations of Center for Excellence in Scholarship and Research, Research and Sponsored Programs, and Graduate Studies Office		1	1 Otiplex 790 Minitower Computer and 21.5" monitor, 2 Otiplex 790 Minitower Computer, 1 Macbook Pro, 2 Dell Latitude E6420, 3 Dell 24" monitors, 2 HP Laser Printer CP 1025NW clr, Epson WorkForce Pro GT-S50 - Scanner, 1HP Laserjet P2035N,	\$1,121.86 Per Otiplex 790 and 21.5" Monitor, \$938.08 per Otiplex 790, \$1,099 per Macbook Pro, \$1,353.16 Per Dell Latitude, \$270 per 24" Dell monitor, \$211 per HP Laser Printer, \$339.99 Epson Scanner, \$350 per HP Laser Jet,	\$8,815.33	Yes	134,486.33	
7	8	Academic & Student Affairs	Computer Information Science Department	6 student tables ==> \$4k; 30 student chairs ==> \$6k; 6 56" HD TV's ==> \$9k; 6 Mac computers \$6k; 6 PC computers ==> \$6k; 2 touchscreen laptops ==> \$2.5k; 2 LCD projectors ==> \$2.5k; 1 kvm and smartsync license ==> \$1k; 1 room renovation/remodel of WH 283 ==> \$7k. Total cost is \$62k. After department match of \$25k, \$37k is requested.	This is a project to create an Active Learning Laboratory/Classroom in WH 283. This room will enable us to teach the most current methodologies of team-oriented software development. The matching funds are from Summer Profits earned by this department.	\$25,000.00	1	\$44,000.00	\$19,000.00		Yes	153,486.33	Room renovation and remodel may not be funded through this process-- request recalculated at \$30,000
8	9	Academic & Student Affairs	DHYG	DXTTR Radiology Teaching Manikin	We currently have 3 very old manikins. As stated above we run 5 rooms at a time with 10 students. The 3 manikins have been down needing fixing numerous times in the past 2 years which greatly interferes with teaching.	SCC Match1-1	1	\$9,772.00	\$9,772.00		Yes	163,258.33	
9	10	Academic & Student Affairs	Finance	Computer workstation desks and chairs	Provide classroom furnishings associated with computer workstation space. The desks would have outlets for use with the computer		5 desks, 13 chairs	\$800 per desk, \$279.61 per chair	\$7,635.00		Yes	170,893.33	
10	12	Academic & Student Affairs	First Year Experience	Office suite furniture (includes furniture for the general office and lobby/seating area, six staff offices, six GA offices, conference room, and classroom)	1) Size of new office suite is much smaller than the current location; current furnishings will not fit the new space and this may cause accessibility issues. 2) Design and configuration of the new space requires new furniture. Example: GAs will have offices in new space rather than cubicles. Current cubicle configuration and furniture will not fit into GA offices. 3) Current FYE classroom furniture is not conducive to group work which is the teaching strategy used most often in FYE classes. 4) Much of the office and classroom furniture is in disrepair; updated, functional classroom furniture and equipment will provide a more professional and desirable learning environment for students.		5 - Asst. Dir. Offices; 1 - Director office; 6 GA offices; front desk/lobby; 1 - work room; 1 - conference room; 1 - classroom (cap = 30)	5 @ \$5000; 1 @ \$7000; 6 @ \$2600; 1 @ 13,500; 1 @ \$2000; 1 @ 20,000; 1 @ 20,750	\$103,850.00		Yes	274,743.33	

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11	13	Academic & Student Affairs	ART	Collaborative Classroom Enhancements for NH 203. These are all pieces of Art's Collaborative Classroom request	This is a new project to convert the graphic design area's second traditional computer lab in Nelson Hall 203 to a more technologically advanced collaborative workspace for creative problem solving. We are requesting funds to equip this lab with new collaborative workstations and corresponding hardware. The size of the room will accommodate 24 students.		4 workstations and related items, HD video switcher, Network scanners, 6 flat panel monitors, electrical and network	\$15,500 per work station, \$30,000 per video switcher, \$5,000 network scanners, \$1,000 per flat screen panel monitor, \$4,000 for electrical work	\$106,000.00		Yes	380,743.33	Room renovation and remodel may not be funded through this process so recalculated at \$106,000
12	14	Academic & Student Affairs	Computer Science	Tables, chairs, instructor's table for TRE-315	The chairs and tables that are in this lab have been there since before I arrived at MSU in 1999 and did not appear to be new at that time. The tables are wobbly, their computer cages are unreliable and no longer repairable (routinely dropping computers on the floor which has resulted in damage to their cases and also, in some cases, requiring repair to the systems themselves), the wiring and cabling in the tables is obsolete and often problematic. The chairs look like heavily used cast-offs from a rowdy bar and it is a cause for concern when some of our more massive students sit on them. It's well past time to replace these furnishings. This request is for 14 tables (with appropriate hardware, wiring, and cabling) and 28 chairs to replace the existing ones in the same configuration (a configuration which works well for that room) and an upgraded "instructor's desk" and chair for the front of the room. This lab serves CS110, CS111, CS171, CS220, CS230, CS320, CS460 (all of which will remain after the department is eliminated), several IT courses, and also serves as an open lab for students in Computer Science, Software Engineering, as well as some IT/CIS/ISYS and CE courses.		1	\$20,000.00	\$20,000.00		Yes	400,743.33	
13	15	Academic & Student Affairs	DHYG	Pancorp PC 4000 Digital Panoramic	We have moved all of our other patient records to digital and need a panoramic machine that is also digital to be compliant with National mandate of all dental records being digital by 2015.		1	\$13,495.00	\$13,495.00		Yes	414,238.33	
14	16	Academic & Student Affairs	Registrar	Lobby Monitor	To convey informational updates regarding relevant registration and other deadlines to university constituents		1	\$5,200.00	\$5,200.00		Yes	419,438.33	
15	17	Academic & Student Affairs	Student Affairs	Wayfinding/Campus Tour Kiosk designed to provide interactive campus maps, directory information and admissions information to campus visitors.	The Kiosk(s) would serve campus visitors during times when campus tours are not being offered and there is no individual available to ask questions. It would serve as a recruitment tool and a way to help visitors feel at home on our campus. One of the Kiosks would be placed in near the south entrance of the CSU and the other sign would be placed in the Taylor Center near the Admissions office.	\$14,000.00	2	\$28,000.00	\$56,000.00		Yes	475,438.33	
16	18	Academic & Student Affairs	English	Tables and Chairs for AH 208	The English Department would like new tables and chairs for AH 208. Faculty move the tables to form circles, for projects in English Education and workshops in creative writing, and over time the tables have become unstable. They have been repaired and we have been told they cannot be repaired anymore		16 tables, 32 chairs		\$7,000.00		Yes	482,438.33	

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17	19	Academic & Student Affairs	Physics and Astronomy	Computers for 200-level introductory physics labs and upper division physics labs.	All of the computers in our 200-level introductory physics and upper division physics labs are over 6 years old. We are beginning to see the deterioration of the hardwares in the computers, and softwares problems too. They freeze during experiments. The computers are essential pieces of equipment of our physics labs. They are used for data acquisition, data analysis and simulations. We don't have enough money in our yearly equipment budget to replace them. This replacement affects Phys 211-212, 221, 232, and 233. These introductory courses serve about 1,000 students a year. The replacement also affects Phys 465 and 475 which are required courses for physics majors. The new computers should last 5-6 years before we need to replace them again.		50	\$1,000.00	\$50,000.00		Yes	532,438.33	One-time funding request duplicate. Recommended for funding by President Davenport through Institutional Equipment allocation rather than one-time funding.
18	20	Academic & Student Affairs	Human Performance (Exercise Science)	Parvomedic metabolic analyzer	The metabolic analyzer is the most heavily used piece of equipment in our laboratory. A second piece would enable us to expand lab size, enhance quality of instruction, and student research.		1	\$19,574.00	\$19,574.00		Yes	552,012.33	
19	21	Academic & Student Affairs	Geography	1) GIS and Cartography Lab Equipment: Xerox 4600 B/W Printers (cost includes 3-year extended service agreement and one year of toner cartridges) 2) Xerox Phaser 6700DX Color Printer (cost includes 3-year extended service agreement and one year of color cartridges) 3) Xerox Colorcube 8570n Solid Stick Printer (cost includes 3-year extended service agreement and one year supply of color sticks) 4) Overhaul and calibration of large format plotter.	The equipment in this request (printers and a large format plotter) directly maintains the instructional needs of the GIScience Program. Some of the equipment requested has not been replaced in seven years. All requests enhance the learning and research abilities of students, staff and faculty in Geography, Earth Science, Environmental Science, RPLS, URSI, the Water Resources Center, Geology, Ecology, Anthropology, Civil Engineering and other programs across the university who use our large format plotter and GISc labs.	\$2,000		\$10,755	\$8,755.00		Yes	560,767.33	
20	22	Academic & Student Affairs	Counseling Center	Optiflex 79 Computers	Replacing those over 6 years old		7	\$850.12	\$5,950.84		Yes	566,718.17	
21	23	Academic & Student Affairs	ART	Desks and chairs for NH 204	To replace old, worn desks and chairs in our art education classroom		9 Desks, 30 chairs, shipping	\$384 per desk, \$114.00 per chair, \$939.63 shipping	\$7,403.13		Yes	574,121.30	Not sure dollar amount of request is correct
22	24	Academic & Student Affairs	Biology	Furnishings to finish renovations of TrC-315 and TRS-256	R&R funds have been allocated for remodel but not furnishings			\$53,500.00	\$53,500.00		Yes	627,621.30	
23	25	Academic & Student Affairs	Human Performance (Exercise Science/Athletic Training)	Safety Harness for Propriosystem	Currently do not possess--We currently possess the Propriosystem; however, to test vulnerable populations (e.g., concussion, joint injury, geriatric) more safely, the safety harness is advised. The piece would allow us to safely use the device for vulnerable populations for research.		1	\$5,000.00	\$5,000.00		Yes	632,621.30	
24	26	Academic & Student Affairs	Social Work	Wall mounted Digital Video System with tilt/panning, Audio feedback system, and dual computers.	A clinical skills lab using computer and communications technologies is needed to improve clinical skills training. The accreditation body has viewed the lack of a clinical skill development lab as a shortcoming of this otherwise highly reviewed program.	\$0		\$35,200	\$35,200.00		Yes	667,821.30	
25	27	Academic & Student Affairs	Security	Parking Lot Video Cameras for lots 21 and 22 and two building mounted cameras to provide coverage of the campus quad.	Continue a logical expansion of video cameras to parking lots 21 and 22 and to the campus quad. Lot 20 has two existing video cameras. The campus mall is equipped with one video camera. This solution would provide two pole mounted cameras in the 497 parking stall lot 21 and the 682 parking stall lot 22 and two cameras to the campus quad area. Security cameras provide deterrent and investigatory resources to enhance safety, security and crime prevention efforts.	\$25,000.00		N/A	\$40,000.00		Yes	707,821.30	

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26	28	Academic & Student Affairs	Biology	Cathodeluminescence detector for scanning electron microscope (SEM).	To increase the utility of the SEM for applications in geology, biology and engineering for faculty and student projects. Provides a means to detect and measure characteristic visible light fluorescence when sample is exposed to electron beam.		1	\$30,000.00	\$30,000.00		Yes	737,821.30	
27	29	Academic & Student Affairs	Human Performance (Exercise Science)	Quinton Treadmill and Controller	One of our treadmills and controllers is 20 years old. The treadmill belt is fraying and we are unable to calculate the speed		1	\$32,000.00	\$32,000.00	\$769,821.30	Yes	769,821.30	
28	1	Finance & Administration	Intercollegiate Athletics	Batting cages in Myers Field House	Replace aging batting cages in Myers Field House that have become a safety concern.	n/a	1	49,500.00	49,500.00		Yes	819,321.30	This is a safety concern.
29	2	Finance & Administration	Facilities Services - Postal Services	Model IM 6000 Mailing Machines	Replace two existing 8 year old mailing machines. Parts are no longer available for repairs and machines are worn out. Hundreds of thousands of mail pieces flow over those meters from campus departments.	\$5,622	2	\$39,622	\$34,000		Yes	853,321.30	
30	3	Finance & Administration	Physical Plant - Grounds Maintenance (BL1)	Kromer DaVinci Field Painter	This \$25,000 painter would replace our 2003 model year painter. With the addition of the Campus Recreation fields all coming online during the summer of 2011 we now have 37 acres of fields to paint serving Intercollegiate Athletics, Campus Recreation, and club sports.	\$0	1	\$25,000	\$12,500	\$96,000.00	Yes	865,821.30	
31	1	Information & Technology Services	ITS	Cisco EX90 Personal TelePresence	Will offer student services between Edina and Mankato campus. For use by Student Health Services, Campus HUB, student advising, registrar, admissions, etc.		4	9,000.00	36,000.00		Yes	901,821.30	
32	2	Information & Technology Services	ITS	SAN Storage replacement - expansion.	Replaces 3-year old storage system for campus that is used for redundancy and failover of data and servers for the most critical campus IT services. Replacement will add capacity and be purchased with 5-year support.	150,000.00	1	200,000.00	50,000.00	\$86,000.00	Yes	951,821.30	
33	1	Institutional	Environmental Health, Safety, and Risk Mgmt.	Funds needed to address campus-wide department ergonomic chair and other requests .	Historically, the Institutional Equipment Prioritization Committee has set aside \$20,000 to assist with unexpected ergonomic issues that arise for employees across the University each year. This is done to make work environments more safe for employees and to reduce workers compensation costs. Fund is managed by the Environmental Heal, Safety, & Risk Management Director Chandler Holland.		1	\$20,000	\$20,000		Yes	971,821.30	
34	2	Institutional	Physical Plant - Building Repair (BW2)	Primex Wireless Atomic Clocks	These atomic clocks will be used throughout the campus and will be installed in classrooms and hallways. Over the past 4 to 5 years we have added more clocks every year in hopes that we will eventually have them throughout the campus. The clocks will display MSU logo to further brand the campus. This installment will bring us closer to our goal and replace some that have failed. This request includes (80) 12.5" black traditional clocks with the MSU logo, (40) 12.5" black traditional dual-sided clocks with the MSU logo, and 200 lithium battery packs for the campus-wide atomic clock system.		60	\$222	\$26,597	\$46,597.00	Yes	998,418.30	Priority Placement in Academic Classroom & Library Rooms
Items Recommended for Funding Subtotal										\$998,418		\$998,418	

Items that may be funded from other funding sources (One-Time Reinvestment Funds, Tech Fee Replacement Cycle Funds)

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35	3	Academic & Student Affairs	History	Updated classroom media system, mediascape technology and furnishings for renovated 48 seat collaborative learning classroom (AH 11). * This request has been submitted as part of the One-time Non-base Investment Proposal: Armstrong Hall and Morris Hall: Moves and Renovations	This classroom (AH11) is being renovated with the goal to create the best learning environment for students. This room is designed with teaching pedagogies and student learning needs in mind. This classroom will require students to actively participate in a way this generation prefers, and to think critically while they are acquiring discipline specific knowledge. Faculty can re-design their courses using innovative, technology infused teaching methods that encourages greater student interaction with the course material, with each other, and with the faculty members.	\$5,000		\$215,350	\$210,350.00		No	0.00	This item was funded from one-time non-base facilities project funding
36	11	Academic & Student Affairs	Government/URSI	ITS Dual projection system and classroom furniture for renovated 65 seat classroom (AH 7). * This request has been submitted as part of the One-time Non-base Investment Proposal: Armstrong Hall and Morris Hall: Moves and Renovations	We plan to move the Law Enforcement classroom/lab currently housed in the basement of Carkoski (CC 0013) to the renovated basement of Armstrong Hall, saving the annual rent being paid to Residential Life for the temporary use of that space. In FY 2011 Academic Affairs spent an estimated \$15,724.80 for the use of this 1,248 SF room. MSU, Mankato's Law Enforcement Program is the largest SBS program with a high number of majors and special needs for a location where their crime scene investigation equipment can be both stored and used in a classroom setting. AH7 will be remodeled to incorporate storage to make these materials accessible during classes. This room will be shared with Urban and Regional Studies and the room is designed to incorporate their needs as well. The media equipment and furnishings in this request will meet the needs of both of these departments.	\$5,000		\$45,600	\$40,600.00		No	0.00	This item was funded from one-time non-base facilities project funding
37	16	Academic & Student Affairs	Geography/CSBS labs and seminar rooms	Card access, whiteboards and furnishing for renovated cartography lab/classroom (AH 223a) and renovated GIS lab/classroom (MH206); and whiteboards and classroom furniture for renovated seminar classrooms (AH 1 and MH 212). * This request has been submitted as part of the One-time Non-base Investment Proposal: Armstrong Hall and Morris Hall: Moves and Renovations	This project proposes to renovate and update space visible in the high traffics area of Armstrong and Morris Halls, thus enhancing the currently outdated classroom spaces. Technology classrooms showcase that MSU is a technologically advanced institution. Two seminar rooms will also be relocated and renovated. Where possible, these relocated classrooms and labs will utilize media equipment, current computers, whiteboards and furniture, but some chalkboards, mismatched chairs, and outdated furniture need to be replaced in order to create classrooms that are conducive to upper-level and graduate course work. The two computer labs will also need card access.	\$5,000		\$49,350	\$45,350.00		No	0.00	This item was funded from one-time non-base facilities project funding
38	7	Academic & Student Affairs	Music	Smart Boards	Music needs smart boards for PA 109 and 110. These rooms require a different type of smart board that is more expensive. They will be mounted well out of arms length and will be controlled by a computer rather than manually.		2	\$3,000.00	\$6,000.00			0.00	It is believed that this proposal could be funded as part of normal ITS Tech Fee replacement cycle.
39	8	Academic & Student Affairs	Computer Information Science Department	6 smartboards with projectors ==> \$18k	This is a project to create an Active Learning Laboratory/Classroom in WH 283. This room will enable us to teach the most current methodologies of team-oriented software development.	\$0.00	6	\$3,000.00	\$18,000.00	\$320,300.00		0.00	It is believed that this proposal could be funded as part of normal ITS Tech Fee replacement cycle.
40	2	SBERP	Edina	Smartboard for Classroom 316, Suite C w/installation & replacement whiteboards.	Needed for teaching future teachers how to use smartboards.		1	3,750.00	3,750.00			0.00	It is believed that this proposal could be funded as part of normal ITS Tech Fee replacement cycle.

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41	3	SBERP	Edina	Smartboard for Classroom 304, Suite A with installation and replacement whiteboards.	Needed for teaching future teachers how to use smartboards.		1	3,750.00	3,750.00			0.00	It is believed that this proposal could be funded as part of normal ITS Tech Fee replacement cycle.
42	4	SBERP	Edina	Smartboard Podium for Classroom 340, Suite D	Large room for large classes, and meetings - makes added use of this room and its capabilities.		1	2,000.00	2,000.00	\$9,500.00		0.00	It is believed that this proposal could be funded as part of normal ITS Tech Fee replacement cycle.

Items Recommended for Funding by Other Sources Subtotal \$329,800

Items Not Recommended for Funding By Prioritization Work Group at this time.

43	30	Academic & Student Affairs	Security	Brief Cam Video synopsis server addition for 30 Security video cameras. (To effect high speed playback for thirty existing cameras)	Synopsizing video = a significant reduction in the amount of time and personnel it takes to review video footage, resulting in lower storage and labor costs.		1	\$6,200.00	\$6,200.00		No	0.00	
44	31	Academic & Student Affairs	AMET	3D Systems Rapid Prototyping System	Current Unit is broken and we cannot locate repair parts.		1	\$19,700.00	\$19,700.00		No	0.00	
45	32	Academic & Student Affairs	Human Performance (Exercise Science)	Monark Wingate Ergometer	For use with 3-min all-out exercise test--instruction/research.		1	\$5,000.00	\$5,000.00		No	0.00	
46	33	Academic & Student Affairs	Student Health Services	Musculoskeletal Ultrasound Machine (Mindray M7)	Diagnostic ultrasound provides a low cost and radiation-free tool to aid in the diagnosis and treatment of musculoskeletal pathologies involving connective tissue such as ligament and tendon injuries, nerve entrapments, bursitis, and vascular conditions such as thrombophlebitis. In addition to its diagnostic use with a myriad of medical conditions, these ultrasound units have become the gold standard as a visual guide for diagnostic and therapeutic soft tissue and joint injections. Finally, from an academic standpoint, this is a joint proposal as this diagnostic ultrasound machine would be used for research and educational purposes with Athletic Training and Exercise Physiology students. The matching funds will be used to sufficiently train Dr. Todd Kanzenbach on the use and maintenance of the Mindray M7.	\$3,000.00	1	\$35,000.00	\$38,000.00		No	0.00	
47	34	Academic & Student Affairs	ECET (Zhang)	Optoelectronics communication and measurement equipment	The requested equipment will be valuable hardware addition to ECET Photonics Communication Research Lab, and facilitate ECET research/education activities in two areas: 1. Coherent optical fiber communication system research targeting Metropolitan and local access networks; 2. Digital signal processing (DSP) and communication research targeting biomedical optics areas, especially the area of point-of-care testing devices (transportable medical testing of diseases such as diabetes). The equipment will significantly help expanding the scope of future publications and external proposals.	During FY 2012, ECET has invested \$10,000 to Photonics Communication Research Lab on crucial real time computing facilities including special software.				\$38,000.00	No	0.00	This is an equipment to be integrated by the faculty with more than a dozen discrete optoelectronics components/modules/test instruments.
48	35	Academic & Student Affairs	Human Performance (Exercise Science/Athletic Training)	Monark Upper Body Ergometer	Currently do not possess--An upper body ergometer is used for studying cardiovascular responses of small versus large muscle mass, useful for exercise testing in parapalegic athletes. This equipment would be used for class laboratory and student research		1	\$5,500.00	\$5,500.00		No	0.00	

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49	36	Academic & Student Affairs	Student Health Services	EX 90 Personal TelePresence System	Student Health Services is working with IT and staff at Minnesota State University at Edina to offer specified mental health services via telepresence. Quality of the sound, ease of use and reliability are the keys to this technology. This would offer a confidential medical service for students who are not located on the Mankato campus to utilize services for which they are paying fees. We have discussions with Becky Copper-Glenz to arrange for private office space in the current renovation to begin seeing patients electronically in FY13.		1	\$5,000.00	\$5,000.00		No	0.00	
50	37	Academic & Student Affairs	ECET (Mandojana)	Oscilloscopes (13)	Upgrade Controls Lab - replacing deteriorating 20-year old oscilloscopes & probes				\$40,500.00		No	0.00	
51	38	Academic & Student Affairs	Human Performance (ES/AT) & Student Health Services	Mindray M7 Diagnostic Ultrasound	Currently do not possess--Diagnostic ultrasound is used for in vivo viewing of musculoskeletal and vascular function. The equipment would be used for instruction/research		1	\$35,000.00	\$35,000.00		No	0.00	
52	39	Academic & Student Affairs	Student Health Services	Computers to replace older and unreliable models	Several Health Service computers are not functioning as the needed to perform daily operations.		5	\$1,000.00	\$5,000.00		No	0.00	
53	40	Academic & Student Affairs	CM	WC 349 Technology Classroom	This project will transform a traditional classroom into a technology based learning environment. The concept will allow faculty to teach to the way students learn best, by putting their hands on the tools needed for the job. The concept will help create a collaborative learning environment, reflecting what students will experience in industry. Matt Clay and Scott Fee have designed this classroom environment and are ready to move ahead. Request only includes new furnishings and technology, not remodel costs.	CM Dept is willing to pay for room remodel (cabinets removed and new electrical, etc.) approximately \$10,000	1	\$75,000.00	\$75,000.00		No	0.00	
54	41	Academic & Student Affairs	Human Performance (Sport Management)	Digital Video Production Package: Sony HDR-AX2000 Handycam Camcorder, Microphone, Tripod and Accessories	This advanced digital camcorder, Sony Shotgun Microphone, and related accessories will be utilized to integrate digital video technology into the classroom to enhance teaching and improve learning. Students will use this technology in various classes including sport marketing, sport law, sport event management and facility management. In addition, students will involve with producing highquality videos for the Sport Business Hall of Fame inductees, the Sport Management TV, the CAHN TV, and the program YouTube Channel.		1	\$5,612.00	\$5,612.00		No	0.00	
55	42	Academic & Student Affairs	Campus Recreation	Disc Golf Course	Tees and baskets to build a 9-hole disc golf course on campus by the outdoor recreation fields. Matching funds will pay for design and construction of the course.	\$3,000.00			\$6,000.00		No	0.00	
56	43	Academic & Student Affairs	AMET	Power Shear	On FY 12 list not yet funded.		1	\$12,000.00	\$12,000.00		No	0.00	
57	44	Academic & Student Affairs	Human Performance (ES/AT)	Wireless EMG	EMG is used to quantify muscular activation and quite useful for class demonstration. We have to modify and/or turn down funded research opportunities due to inappropriate EMG technology. This equipment would be used for class demonstration/student research		1	\$8,755.00	\$8,755.00		No	0.00	
58	45	Academic & Student Affairs	Campus Recreation	Lounge furniture for Otto Rec Center	Replace current furniture in lounge which is used by Human Performance classes and recreation.	\$1,000.00			\$5,000.00		No	0.00	

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59	46	Academic & Student Affairs	Human Performance	HUMAC Biodex Software Update	The Biodex machine is an isokinetic dynamometer and a required piece of equipment for athletic training accreditation. Our current software is quite dated and does not meet the needs for teaching students conventional measures.		1	\$10,000.00	\$10,000.00		No	0.00	
60	47	Academic & Student Affairs	Campus Recreation	Utility vehicle for outdoor rec programs	Electric cart used for intramural sports and Adventure Education Program activities.		1	\$5,900.00	\$5,900.00		No	0.00	
61	48	Academic & Student Affairs	Human Performance	Biomechanical analysis full APS 2010 workstation.	Our current capacity for video motion analysis is 2-D. We struggled publishing a recent paper with video analysis from our lab as 3-D is the preferred method. For us to continue any research in video analysis 3-D is necessary and Ariel system one of the most affordable of its kind.		1	\$25,000.00	\$25,000.00		No	0.00	
62	50	Academic & Student Affairs	Human Performance	Forceplate	Our lab does not currently possess a force platform system; whereas, sister universities have several (e.g., St. Cloud has 4 force platforms). For us to offer a competitive laboratory, a force platform is desired.		1	\$5,000.00	\$5,000.00		No	0.00	
63	51	Academic & Student Affairs	Human Performance	Metabolic Analyzer Cosmed Portable	Portable metabolic analyzer will allow us to measure metabolic rate outside of the laboratory. This would be extremely useful for research and teaching.		1	\$31,625.00	\$31,625.00		No	0.00	
64	52	Academic & Student Affairs	Nursing	Family Practice and Society Simulation Room (NEW LAB), Renovation of 400 sq feet of office space, Furniture and Decorations, Equipment- cameras, microphones, recording capabilities: AVS, wireless assess, hardware and computer		\$1,000.00	1	\$59,200.00	\$40,000.00		No	0.00	Room renovation may not be funded through this process; request recalculated at \$40,000
65	53	Academic & Student Affairs	Nursing	SimMan 3G Manikin, Convulsions/Seizure, Automatic drug registration, Automatic drug dosage measurement, Automatic airway device detection, Cyanosis, Secretions (forehead, eyes, nose, mouth and ears), Bleeding wounds, Pupils react, Variable urine output, Variable lung compliance, Wireless instructor computer, Wireless patient monitor, ValuePlus; Emergency loaner coverage, preventive maintenance, extended warranty coverage			1	\$100,995.00	\$100,995.00		No	0.00	
66	54	Academic & Student Affairs	Nursing	Electronic Medical Record (EMR) - Elsevier, SimChart - Elsevier, Hospital-like electronic documentation, Assessment criteria, Evidence-based tools and guidelines, Patient teaching, Safe patient card, CarePlan construction, Order entry, Intra-departmental relationships, MyClinicals, Interprofessional Documentation (Linked to Electronic Medical Record), Interprofessional Note, Incident Reports (Quality & Safety), Dangerous Situation (Quality & Safety), Near-Miss Event (Quality & Safety), Family Centered Care, Societal Centered Care, Computer on Wheels Mobile Workstation (COW) (2) or on headwall \$300 each, Laptops \$1,500 2 for cows		\$17,000	1	\$65,000.00	\$48,000.00	\$576,787.00	No	0.00	

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67	4	Finance & Administration	Physical Plant - Grounds Maintenance (BL2)	Kubota RTV 1100 Utility Vehicle with Ryan Field Groomer and Snow Ex Salt Spreader	This utility vehicle will serve three purposes on the grounds fleet. In the winter it will be used to decrease the amount of time it takes to apply salt to the 11 miles of sidewalks on campus. In the March-May timeframe it will be used for the daily field maintenance needs on the athletic softball field. In the summer months it will be used to supplement the utility carts used by the grounds crew for campus maintenance.		1	\$25,000	\$25,000		No	0.00	
68	5	Finance & Administration	Intercollegiate Athletics	Ozone sanitizing/cleaning machine for athletic equipment	Enable athletic uniforms, pads, helmets and equipment to be cleaned/treated in-house to eliminate bacteria, mold, mildew, micro-organisms and fungus that can cause skin problems, irritations and odor and decrease the usefulness of equipment.	n/a	1	13,000.00	13,000.00		No	0.00	
69	6	Finance & Administration	Physical Plant - Building Repair (BW1)	Genie Model GS-1930 Self-Propelled Scissor Lift.	This lift features an extendable platform which allows the user to gain access to equipment and lights that would normally be inaccessible with a conventional lift. This lift is motorized to make it more efficient and increase staff productivity. Our current manual lift requires the person to return to the ground each time the lift needs to move. This lift will greatly enhance the quality and timeliness of completing the university's daily maintenance needs and at the same time better protect the safety of the employees completing those tasks.		1	\$11,000	\$11,000		No	0.00	
70	7	Finance & Administration	Intercollegiate Athletics	Industrial sewing machine for athletic equipment room	Would enable athletic equipment personnel to repair/create a wide variety of department assets (uniforms, pads, helmets, shoes, skates, banners, signs, field equipment, padding, tents, etc.) that are currently sent out for repair. Having this ability to repair equipment in-house would result in significant budget savings.	n/a	1	7,250.00	7,250.00		No	0.00	
71	8	Finance & Administration	Physical Plant - Grounds Maintenance (BL3)	Trailer-Mounted "Billy Goat" Vacuum	This package will be used by the grounds crew in the spring and fall for cleaning up leaves and small sticks. Currently we use hand rakes and plastic bags. This will significantly reduce the amount of time spent keeping the campus looking neat and tidy.		1	\$6,500	\$6,500		No	0.00	
72	9	Finance & Administration	Physical Plant - Plumbing Services (DJ1)	Ridgid Pipefitting Tools Package	These pipefitting tools will increase the productivity of the Plumbing and Pipefitting department in two ways. The first tool (a Ridgid 68967 SF-2500 Pipe Freezer) will decrease the duration of repairs on water pipes because instead of completely draining the system, we can freeze the isolated area then make the repair and thaw the line, therefore bringing the systems back online quicker. The second part of this request (a Ridgid 27923 RP 330 Battery Operated Pressing Tool) expands on the use of press-fit copper fittings. This tool eliminates the need to solder pipe and makes repairs go much quicker.		1	\$6,210	\$6,210		No	0.00	
73	10	Finance & Administration	Physical Plant - Grounds Maintenance (BL4)	Toro 7210 Zero-Turn Lawnmower with Bagger	As part of the overall lawnmower replacement plan, this will replace the oldest mower in the fleet which is a 2003 model year. The zero-turn capabilities of this machine will decrease the time it takes to mow. With the bagging function, we will be able to simplify the process of cleaning up leaves on campus in the fall.		1	\$17,500	\$17,500		No	0.00	

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74	11	Finance & Administration	Physical Plant - Grounds Maintenance (BL5)	Bobcat Snow Broom	This attachment fits any of the three Bobcats in the grounds fleet and will be used to broom snow off the sidewalks in the winter. The increased size and capacity will speed up the snow removal process making sidewalks clear and safe sooner.		1	\$5,000	\$5,000		No	0.00	
75	12	Finance & Administration	Physical Plant - Grounds Maintenance (BL6)	Bobcat Snow Wolf Box Blade	Like the Bobcat Snow Wolf box blades in use this winter, this attachment will expedite the snow removal process and will help eliminate unsafe conditions quicker.		1	\$5,500	\$5,500		No	0.00	
76	13	Finance & Administration	Physical Plant - Building Services	Advance CS7000 Rider/Scrubber	Replace our 10 year old rider scrubber in the Field House. Due to higher volumes of activity and later schedules which creates the need to clean the Field House quicker, I am requesting a new industrial size scrubber/sweeper combo. Purchasing this machine would allow us to clean the whole Field House in 45 minutes. With our current practice, we can only clean ¼ of the Field House in 60 minutes, so we are forced to break it up into sections, each section gets attention about one time per week. Cost of this machine is approximately \$50,000.	\$10,000	1	\$50,300	\$40,300		No	0.00	
77	14	Finance & Administration	Physical Plant - Grounds Maintenance (BL7)	Turfco CR-7 Field Top Dresser	This \$20,000 field top dresser will be used on all Athletic and Campus Recreation fields. As part of the ongoing maintenance needed to manage a healthy natural turf field, the soil mix is aerified then top dressed with a sand mix. The spreading of sand promotes the healthy growth of the turf by increasing the root growth and soil mix. Our current model only covers a six-foot wide swath whereas this model can cover 24 feet in a single pass. This process is done six to eight times per growing season over the course of the summer on all 37 acres of outdoor playing surfaces.	\$0	1	\$20,000	\$10,000		No	0.00	
78	15	Finance & Administration	Physical Plant - Grounds Maintenance (BL8)	Toro HDX Workman Utility Vehicle with a Toro Pro Sweep Field Sweeper	This utility vehicle and field sweeper package will be used to clear the playing surfaces of the plugs of dirt removed during the aerification process. The current process requires us to leave the plugs on the fields and use a drag to break them down before they create unsafe playing conditions. By leaving the soil on the fields, we compromise the overall effectiveness of aerification. It will also be used to supplement the utility carts used by the grounds crew for campus maintenance.	\$0	1	\$32,000	\$16,000		No	0.00	
79	16	Finance & Administration	Facilities Services - Postal Services	Mass Mailer Inserter (vertical stacker)	\$23,702 needed to replace 5 station mailing inserter to handle large piece mailings. Existing machine 15 years old and parts are becoming a problem for repairs.	3,702.00	1	\$23,702	\$20,000		No	0.00	
80	17	Finance & Administration	Facilities Services - Parking	John Deere Payloader	Replace 1994 model \$150,000 giant John Deere Tool Carrier. One of two on campus, this tool carrier is essential for snow removal and dealing with large projects.	\$75,000	1	\$150,000	\$75,000		No	0.00	
81	18	Finance & Administration	Planning & Construction	ATV Vehicle	An all terrain vehicle needed to monitor projects including fields.		1	\$16,000	\$16,000		No	0.00	
82	19	Finance & Administration	Intercollegiate Athletics	Portable, elevated press box/timing booth - outdoor track facility	For use with electronic timing system that is part of outdoor track facility. Elevated booth needed for timing system controls and also serve dual purpose as press box. Portability allows for placement at different field positions and facilities as needed.	n/a	1	\$ 19,500.00	\$ 19,500.00		No	0.00	

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83	20	Finance & Administration	Intercollegiate Athletics	Highland Center Locker Rooms card access system	Continued implementation of card access system to alleviate security and safety concerns.	Possible through Security or central funding	1	\$ 50,000.00	\$ 50,000.00		No	0.00	
84	21	Finance & Administration	Intercollegiate Athletics	HI-POD aerial camera system	Filming at athletic events and practices from scaffolding and lifts can be a safety issue during inclement weather. This transportable system would allow us to film remotely from the ground and is versatile enough to meet the needs of several sports at both home and away competition.	n/a	1	\$ 5,100.00	\$ 5,100.00	\$348,860.00	No	0.00	
85	5	SBERP	Edina	Office Basic Furniture (Offices 330, 331, 332)	Offices currently have classroom tables put together to make the desks.		3	7,500.00	7,500.00	\$7,500.00	No	0.00	
86	3	Institutional	Physical Plant	Card Access for Doors across campus.	Continued implementation of card access system to address security and safety concerns. Physical Plant Direct Mike Lexvoid provides oversight for the project working with IT Services and Security.		1	\$35,000	\$35,000		No	0.00	
87	4	Institutional	University Event & Meeting Services	Tables, Folding chairs, and Storage Caddies	Replace broken chairs and tables used for all sorts of different institutional events. Caddies would provide for moving and storage.		25 tables, 50 chairs, 2 storage caddies	\$179 per table, \$47 per chair, \$ 219 per caddy	\$7,263	\$42,263.00	No	0.00	
Items Not Recommended for Funding At This Time Subtotal										\$975,410			

Items that do not meet the criteria for funding

88	11	Academic & Student Affairs	TRIO/Upward Bound	iPads with cases	We are seeking to purchase fifteen of these units to supplement the 20 we already have. We have used iPads in our summer classes the past two years, and they have greatly enhanced instruction and students' learning. Students also use them during the school year in their own high school classes. students' educational efforts. Apple has just announced an expanded selection of high school textbooks that are tremendously interactive and inexpensive (\$15 each). This will allow us to upgrade our textbooks for summer classes more cheaply and frequently. (For example, our math textbooks would cost \$6,000 to replace with print texts, but only \$750 with these etexts.) The interactive content will serve to further enhance students' learning.	\$1,650.00	15	\$550.00	\$6,600.00			0.00	Not expected to meet requirement of a 3-year life span
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89	49	Academic & Student Affairs	Career Development Center	iPad-16GB	In the Career Development Center, we meet with students individually to assist them identifying their life goals, planning academic careers, and achieving timely graduation. In order to reinvigorate our physical home and build the campus of the future as well as measure and continuously improve our work to ensure excellence in all that we do, integrating technology into how we work individually with students is a must. An iPad can be used during career advising appointments with students to provide access to and demonstrate resume samples, job search links, job descriptions, and networking contacts on the spot. This approach is also meeting students developmentally and technologically where they are at. In addition, utilizing iPads in appointments will allow for surveying students regarding learning outcomes and satisfaction immediately after the appointment. Finally, iPads for the staff will help create efficiencies in meetings and assist with working collaboratively towards solutions.		12	\$499.00	\$6,000.00	\$12,600.00		0.00	Not sure if this will meet the requirement of a 3-year life span
90	1	SBERP	Edina	Classroom Set of Ipad-2's w/connectors (30 in set)	For use in Classroom teaching - very much needed and instructors would check out for class.		1 set of 30	600.00	18,000.00			0.00	Not sure if this will meet the requirement of a 3-year life span
91	6	SBERP	Edina	Office Basic Furniture (Office 333)	Larger office for Extended Learning staff currently has classroom tables to make a desk.		1	3,500.00	3,500.00	\$21,500.00		0.00	Did not meet \$5K minimum

Items Not Recommended for Funding Due to Not Meeting Criteria Subtotal **\$34,100**

Grand Total All Requests **\$2,337,728**