

**College Fee Funded Items for  
2015-2016**

<b>Department</b>	<b>Item Description</b>	<b>Special Project Item Cost Award</b>	<b>Distribution based on Majors/Student Credit Hours</b>	<b>Total Funded</b>
Aerospace	Dodgeballs Network adapters Flight simulator equipment Speakers HP in for cadet printer	\$ 1,527		\$ 1,527
Biology	Large equipment proposals	\$ 40,000		
	Laptop computers	\$ 15,000		
		\$ 55,000	\$ 62,498	\$ 117,498
Chemical Eng	Film Coater	\$ 20,000	\$ 25,574	\$ 45,574
Chemistry	Perkin Elmer FTIR	\$ 10,356		
	Potentiostat	\$ 15,000		
		\$ 25,356	\$ 42,276	\$ 67,632
Civil Engineering	Chemical storage cabinets	\$ 5,000		
	Projectors and printer	\$ 5,500		
		\$ 10,500	\$ 26,514	\$ 37,014
Computer Science	Update mwah 187 for active learning	\$ 26,500		
	Replace server ukko	\$ 26,500	\$ 27,946	\$ 54,446
Earth and Environmental Science	2 reflecting microscopes	\$ 22,300		
	Large screen overhead	\$ 8,500		
		\$ 30,800	\$ 23,518	\$ 54,318
Electrical Engineering	FieldFox Handheld RF analyzer and Network Computer replacement(MWAH 393&355&60))	\$ 28,190		
		\$ 23,500		

		\$ 51,690	\$	21,961	\$	<b>73,651</b>
Large Lakes Observatory	Student events	\$ 900				
	Student Research Field Equipment	\$ 11,500				
	Poster Printing Supplies	\$ 313				
		\$ 12,713			\$	<b>12,713</b>
Mathematics and Statistics	Student participation in contests etc	\$ 2,000				
	1/2 cost of 3 tablet laptops	\$ 2,300				
	Math/Actuarial club activity	\$ 500				
	GTA training	\$ 2,000				
	Workstation computer	\$ 3,500				
		\$ 10,300	\$	36,411	\$	<b>46,711</b>
Mechanical and Industrial Engineering	Robots	\$ 49,220				
	Gas Turbine Maintenance and Upgrade	\$ 12,000				
		\$ 61,220	\$	37,678	\$	<b>98,898</b>
Physics	High End Oscilloscope	\$ 7,000				
	3 oscillisocpes	\$ 4,350				
	3 function generaters	\$ 4,050				
	3 handheld multimeters	\$ 1,050				
		\$ 16,450	\$	20,622	\$	<b>37,072</b>
<b>Totals:</b>			\$	<b>324,998</b>	\$	<b>647,054</b>

## College Fee Funded Items for 2014-2015

<b>Department</b>	<b>Special Project Item Description</b>	<b>Special Project Item Cost Award</b>	<b>Distribution based on Majors and Lab Hours</b>	<b>Total Funded</b>
Aerospace		\$0	\$0	
Biology	Equipment for new greenhouse	\$38,600	\$99,706	<b>\$138,306</b>
Chemical Engineering	Bomb Caolorimeter	\$15,000	\$32,215	<b>\$47,215</b>
Chemistry and Biochemistry	Fluoromax-4	\$25,905	\$70,942	<b>\$96,847</b>
Civil Engineering	Study Space and \$ for student groups & activities	\$15,500	\$41,905	<b>\$57,405</b>
Computer Science	5 Cisco computer router Switches	\$9,459	\$41,489	<b>\$50,948</b>
Earth and Environmental Science	Two reflecting microscopes	\$0	\$38,147	<b>\$38,147</b>
Electrical Engineering	Keysight Handheld RF analyzer,Quanser and computer	\$12,988	\$32,709	<b>\$45,697</b>
Large Lakes Observatory	LLO working-gp presentations	\$2,135	\$0	<b>\$2,135</b>
Mathematics and Statistics	Computers and monitors	\$8,445	\$40,341	<b>\$48,786</b>
Mechanical and Industrial Engineering	Robots	\$0	\$46,914	<b>\$46,914</b>
Physics	Portable Planetarium	\$46,000	\$30,633	<b>\$76,633</b>
<b>TOTAL</b>		<b>\$174,032</b>	<b>\$475,001</b>	<b>\$649,033</b>

## College Fee Funded Items for 2013-2014

<b>Department</b>	<b>Special Project Item Description</b>	<b>Special Project Item Cost Award</b>	<b>Distribution based on Majors and Lab Hours</b>	<b>Total Funded</b>
Aerospace		\$4,149	\$0	<b>\$4,149</b>
Biology	Greenhouse	\$55,000	\$99,706	<b>\$154,706</b>
Chemical Engineering	Heat Conduction in gases & liquids; Magnetic Tube HPLC	\$25,000	\$32,215	<b>\$57,215</b>
Chemistry and Biochemistry		\$35,000	\$70,942	<b>\$105,942</b>
Civil Engineering	Study Space and \$ for student groups & activities	\$20,000	\$41,905	<b>\$61,905</b>
Computer Science	Server	\$13,530	\$41,489	<b>\$55,019</b>
Electrical Engineering	TIMS PC system, 22 computers, 20 monitors	\$33,888	\$32,709	<b>\$66,597</b>
Geological Sciences	Two reflecting microscopes	\$15,000	\$38,147	<b>\$53,147</b>
Large Lakes Observatory		\$2,200	\$0	<b>\$2,200</b>
Mathematics and Statistics	Computers plus GTA training	\$14,000	\$40,341	<b>\$54,341</b>
Mechanical and Industrial Engineering	Robot	\$25,000	\$46,914	<b>\$71,914</b>
Physics		\$0	\$30,633	<b>\$30,633</b>
<b>TOTAL</b>		<b>\$242,767</b>	<b>\$475,000</b>	<b>\$717,767</b>

## College Fee Funded Items for 2012-13

<b>Department</b>	<b>Special Project Item Description</b>	<b>Special Project Item Cost Award</b>	<b>Distribution based on Majors and Lab Hours</b>	<b>Total Funded</b>
Aerospace	Various study guides, equipment and software	\$4,866	\$0	<b>\$4,866</b>
Biology	Animal Specimen Collection Facility Upgrade	\$74,600	\$84,877	<b>\$159,477</b>
Chemical Engineering	Centrifugal pump and ball mill	\$46,000	\$30,805	<b>\$76,805</b>
Chemistry and Biochemistry	Gas chromatograph	\$50,000	\$66,342	<b>\$116,342</b>
Civil Engineering	Space improvements for student groups and activities	\$22,000	\$33,993	<b>\$55,993</b>
Computer Science	Equipment for the development of new Mobile Apps course	\$15,100	\$40,376	<b>\$55,476</b>
Electrical Engineering	Waveform generators	\$35,230	\$30,780	<b>\$66,010</b>
Geological Sciences	R8/IP imaging system	\$30,000	\$33,181	<b>\$63,181</b>
Large Lakes Observatory	Equipment for freeze drying samples	\$15,990	\$0	<b>\$15,990</b>
Mathematics and Statistics	Computer workstations and printers	\$12,649	\$36,031	<b>\$48,680</b>
Mechanical and Industrial Engineering	Rapid prototyping equipment	\$35,000	\$39,379	<b>\$74,379</b>
Physics		\$0	\$32,746	<b>\$32,746</b>
<b>TOTAL</b>		<b>\$341,435</b>	<b>\$428,510</b>	<b>\$769,945</b>

## College Fee Funded Items for 2011-12

<b>Department</b>	<b>Special Project Item Description</b>	<b>Special Project Item Cost Award</b>	<b>Distribution based on Majors and Lab Hours</b>	<b>Total Funded</b>
Aerospace	Portable PA system	\$5,060	\$0	<b>\$5,060</b>
Biology	Stereomicroscope with Fluorescence	\$40,562	\$85,186	<b>\$125,748</b>
Chemical Engineering	Continous distillation column	\$50,000	\$30,143	<b>\$80,143</b>
Chemistry and Biochemistry	UV-VIS-NIR spectrophotometer	\$23,000	\$67,206	<b>\$90,206</b>
Civil Engineering	California Bearing Ratio (CBR) equipment	\$10,181	\$29,662	<b>\$39,843</b>
Computer Science	upgrade + expansion of systems lab	\$14,295	\$39,292	<b>\$53,587</b>
Electrical Engineering	Microelectronics Lab and Power Systems Equip.	\$21,520	\$29,808	<b>\$51,328</b>
Geological Sciences	Ground Conductivity Meter and related parts	\$41,357	\$34,184	<b>\$75,541</b>
Large Lakes Observatory	SMARTboard Whiteboard System	\$8,372	\$0	<b>\$8,372</b>
Mathematics and Statistics	Computer Workstation	\$1,667	\$34,340	<b>\$37,698</b>
Mechanical and Industrial Engineering	CNC machine	\$34,084	\$43,040	<b>\$77,124</b>
Physics	no proposal	\$0	\$32,137	<b>\$32,137</b>
<b>TOTAL</b>		<b>\$250,088</b>	<b>\$424,998</b>	<b>\$676,787</b>

## College Fee Funded Items for 2010-11

<b>Department</b>	<b>Special Project Item Description</b>	<b>Special Project Item Cost Award</b>	<b>Distribution based on Majors and Lab Hours</b>	<b>Total Funded</b>
Aerospace	Computer Equipment	\$11,521	\$0	<b>\$11,521</b>
Biology	Bagley Classroom Tech Equipment	\$23,644	\$87,814	<b>\$111,458</b>
Chemical Engineering	Gas Adsorption Experiment	\$50,000 (traded 2011 funding with Civil in 2010)	\$29,753	<b>\$79,753</b>
Chemistry and Biochemistry	CEM Microwave Reactor	\$22,000	\$65,637	<b>\$87,637</b>
Civil Engineering		traded 2011 funding with Chem E in 2010	\$22,648	<b>\$22,648</b>
Computer Science	Computer Server	\$14,646	\$40,921	<b>\$55,567</b>
Electrical and Computer Engineering	Cascade Microtech M150 Probe Sta	\$15,000	\$31,191	<b>\$46,191</b>
Geological Sciences	Leica digital camera for stereomicroscope	\$4,680	\$32,838	<b>\$37,518</b>
Large Lakes Observatory	Computer and Projector Screen	\$1,463	\$0	<b>\$1,463</b>
Mathematics and Statistics	Computer Workstations	\$8,540	\$35,792	<b>\$44,332</b>
Mechanical and Industrial Engineering	Arm Robot with Vision System	\$27,300	\$45,363	<b>\$72,663</b>
Physics	Diode Laser Spectrscopy System and Two Slit Interference apparatus	\$21,800	\$33,043	<b>\$54,843</b>
<b>TOTAL</b>		<b>\$200,594</b>	<b>\$425,000</b>	<b>\$625,594</b>

## College Fee Funded Items for 2009-2010

Department	Description	Funded
Aerospace	Digital Camera	\$ 399.00
	Rudder Pedals	\$ 149.95
		<b>\$548.95</b>
Biology	2 NanoDrop Spectrophotometers	\$16,000.00
	Real-time PCR	\$20,000.00
		<b>\$36,000.00</b>
Chemical Engineering	Gas Adsorption Experiment	to be funded in 2011
Chemistry and Biochemistry	Varian Cart uv-vis Spectrophotometer	\$9,000.00
	RX 2000 stopped flow acc	\$12,000.00
		<b>\$21,000.00</b>
Civil Engineering	lab/equipment setup	<b>\$50,000.00</b>
Computer Science	ppTH cameras	<b>\$15,000.00</b>
Electrical and Computer Engineering	DSP Electric Drive Lab Station	
	Dell Optiplex computers	
		<b>\$17,000.00</b>
Geological Sciences	Magnetometer	<b>\$5,950.00</b>
Large Lakes Observatory	supplies for plotter	\$705.39
	new computer	\$709.99
	one arc view update	\$670.00
	Coring kit	\$400.00
		<b>\$2,485.38</b>
Mathematics and Statistics	Two dell workstations	\$3,530.00
	1 BOXX work station	\$3,100.00
	duplex document scanner	\$1,890.00
	<b>\$8,520.00</b>	
Mechanical and Industrial Engineering	Racer's Pack	<b>\$34,500.00</b>
Physics	none requested	
<b>TOTAL</b>		<b>\$191,004.33</b>



## College Fee Funded Items for 2008-2009

Department	Description	Funded
Aerospace	HP desktop computer	\$760
	Solidworks program	\$350
	Mathmatica program	\$140
Biology	12 Dissecting microscopes for Gen Bio II ( <a href="#">photo</a> )	\$20,400
Chemistry and Biochemistry	JASCO Spectrophotometer ( <a href="#">photo</a> )	\$16,487
Chemical Engineering	Thermal Imager	\$6,800
	Spectrophotometer	\$2,975
Civil Engineering	HP Plotter and initial supplies	\$4,365
Computer Science	18 Dell Inspiron with widescreens and attachments	\$13,417
Electrical and Computer Engineering	Quanser Engineering Trainer	\$14,483
Geological Sciences	Vibrating feeder for Wilfley table ( <a href="#">photo</a> )	\$1,084
	1.25 x Leica Microscope objective	\$1,412
	SEM microanalysis standard block 52 minerals	\$3,166
	SEM microanalysis standard block 44 metals	\$2,635
Large Lakes Observatory	Olympus video attachment for microscope	\$4,028
Mechanical and Industrial Engineering	Series/Parallel Pump Demonstration Unit	\$22,950
Mathematics and Statistics	Two Dell workstations	\$3,585
	1 Mac Pro workstation	\$2,698
	Laser Jet 5200 Printer	\$2,423
Physics	Robo Dome for planetarium	\$6,199
<b>TOTAL</b>		<b>\$130,357</b>