

# The University of Tennessee at Chattanooga Student Technology Fee Funding Request

## Proposal

*Beginning 2005-2006*

**Title:** Critical Hardware Maintenance for Lupton Podium Audiovisual Systems

**Unit Submitting Request:** Information Technology Division

**Briefly summarize the proposed project:**

Thanks to funding by the Lupton Renaissance program, permanent audiovisual installations are now widespread at UTC. At an average cost of \$18,000 each, the University has invested over \$2 million to equip over 100 rooms with permanently mounted computers, document cameras, projectors, and VCRs. However, these installations require a continuing investment to keep them functional. Although support for the podiums has been shifted to Media Resources, the state budget provides no funds for maintenance or upkeep of the systems. For lack of a single bulb, an \$18,000 system could instantly become almost useless to faculty and students.

We have analyzed patterns of use, the age of computers, projectors, and other equipment and estimate that during the 2005-06 fiscal year it will cost \$32,453 in equipment (personnel are covered in a separate request) to keep all Lupton podiums operational.

Replace 4 Computers	\$4,800
Replace 2 Projectors	\$5,400
Replace 34 Projector Lamps	\$14,179
VCR's, Zip drives, cables, etc.	\$1,476
Replace Items lost due to theft	\$6,598*
<b>TOTAL</b>	<b>\$32,453</b>

\*Although the podium systems are designed to be theft-resistant, unlocked doors and lack of building security has led to an average annual loss of \$6,598/year. On average, this is still less than or comparable to the thefts of portable AV equipment in the past.

An summary of projector lamps showing the hours of use for each room is attached.

**Identify the project goals and objectives. Briefly describe your goals and objectives. Include in the description how the outcomes of this project will improve teaching and learning. Indicate also the anticipated reach of your project. In other words, *how many* and *what type* of students will benefit from the successful execution of the proposed funding? How will they benefit?**

Our goal is to make classroom technology a source of enrichment rather than frustration for both faculty and students. We wish to keep permanent classroom equipment fully functional by providing crucial replacement parts and regularly scheduled maintenance.

Students across the entire campus will benefit as increasing numbers of faculty continue to use technology to make their instructional programs more up-to-date, comprehensive, and captivating.

**Describe the method with which you will achieve your goals. Briefly describe your methodology. Include a calendar of target project dates. That is, when will the major steps of the project begin and end?**

- (1) Purchase necessary parts including projector bulbs so that replacements can be made immediately, minimizing classroom interruptions.
- (2) Document all replacement and maintenance activities in a standard database for reports and analysis.
- (3) Perform regular preventive maintenance whenever possible and appropriate.

**How will you evaluate the success of the project?** Describe your evaluation criteria completely. How will you determine whether the project is successful?

The documentation of use, repair, and maintenance will be a primary means of evaluating the success of this project. The larger success of student and faculty in using classroom technology will be a less quantifiable but even more important measure.

**Previous grants:** If you received a Student Technology Fee grant last year, have you submitted your final report?

Not applicable.

**Proposed Location:** Describe the proposed location of the equipment, software, etc.

Replacement and maintenance items will be housed with Media Resources in the University Center.

**Requested Budget:** Clearly identify one-time costs, such as equipment, shipping, and installation. Clearly identify recurring costs, such as maintenance and support, and source of the funds to cover the recurring costs.

**Summary of projected costs:**

Salaries (if any)	n/a	
Equipment (hardware and software)	\$32,453	
Complete the following items as appropriate		
Installation	n/a	
Construction/renovation costs	n/a	
Annual maintenance/support costs	\$32,453	
Training	n/a	
Recurring costs per year	\$32,453	(this total will rise as equipment ages)
<b>Total</b> project one-time costs	\$32,453	
<b>Estimated</b> recurring costs per year	\$32,453	

**Identify the area(s) responsible for operating and maintaining the equipment.**

Media Resources.

**Approval** by Dean or Vice Chancellor: \_\_\_\_\_

Individual responsible to complete proposal if funded: **Rodger Ling, Director, Technology Support Services**

**Priority** established by Dean or Vice Chancellor: \_\_\_\_\_

Deans and Vice Chancellors should return completed forms (along with 20 copies) to Provost John Friedl, Chair of the University Technology Committee, prior to December 13, 2004.

## Attachment A: Projector Lamps

Building	Room	Manufacturer	Model	Typical Lamp Life/Lumens	Lamp Hrs	Date	Cost
EMCS	233	EPSON	820p	1500 hrs. / 2500 Lumens	0	2/25/04	\$443
Frist	302	EPSON	820p	1500 hrs. / 2500 Lumens	0	10/28/04	\$443
EMCS	312	EPSON	820p	1500 hrs. / 2500 Lumens	10	2/25/04	\$443
EMCS	306	EPSON	820p	1500 hrs. / 2500 Lumens	26	2/26/04	\$443
Metro	212	EPSON	820p	1500 hrs. / 2500 Lumens	27	2/4/04	\$443
Metro	159	EPSON	820p	1500 hrs. / 2500 Lumens	28	11/1/04	\$443
Hunter	401	EPSON	820p	1500 hrs. / 2500 Lumens	31	10/28/04	\$443
Metro	204	EPSON	820p	1500 hrs. / 2500 Lumens	41	2/4/04	\$443
Holt	399	PROXIMA	9270	2000 Hrs. / 2600 Lumens	50	10/28/04	\$380
Fletcher	311	PROXIMA	9270	2000 Hrs. / 2600 Lumens	51	11/2/04	\$380
Metro	160	EPSON	820p	1500 hrs. / 2500 Lumens	52	2/04	\$443
EMCS	232	EPSON	820p	1500 hrs. / 2500 Lumens	56	5/7/04	\$443
Brock	402	PROXIMA	9270	2000 Hrs. / 2600 Lumens	61	3/9/04	\$380
UC Lab		EPSON	820p	1500 hrs. / 2500 Lumens	71	10/27/04	\$443
Davenport	319	EPSON	820p	1500 hrs. / 2500 Lumens	79	3/24/04	\$443
Holt	308	EPSON	820p	1500 hrs. / 2500 Lumens	79	10/26/04	\$443
Brock	206	EPSON	820p	1500 hrs. / 2500 Lumens	85	10/26/04	\$443
Hunter	304	EPSON	820p	1500 hrs. / 2500 Lumens	91	10/28/04	\$443
EMCS	321	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	97	11/1/04	\$380
Hunter	302	EPSON	820p	1500 hrs. / 2500 Lumens	98	11/2/04	\$443
EMCS	404	EPSON	820p	1500 hrs. / 2500 Lumens	103	9/24/04	\$443
Fletcher	100	PROXIMA	9280	1000 hrs. / 3000 Lumens	105	10/28/04	\$477
Founders	102	PROXIMA	9270	2000 Hrs. / 2600 Lumens	114	10/28/04	\$380
Hunter	307	EPSON	820p	1500 hrs. / 2500 Lumens	121	11/1/04	\$443
Brock	301	EPSON	820p	1500 hrs. / 2500 Lumens	122	3/10/04	\$443
EMCS	422	EPSON	820p	1500 hrs. / 2500 Lumens	129	9/25/04	\$443
EMCS	211	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	131	10/29/04	\$380
FAC	339	PROXIMA	9270	2000 Hrs. / 2600 Lumens	132	10/28/04	\$380
EMCS	238	EPSON	820p	1500 hrs. / 2500 Lumens	135	10/29/04	\$443
Fletcher	310	PROXIMA	9270	2000 Hrs. / 2600 Lumens	135	11/2/04	\$380
Holt	205	EPSON	820p	1500 hrs. / 2500 Lumens	144	10/26/04	\$443
UC Lookout		EPSON	820p	1500 hrs. / 2500 Lumens	146	10/27/04	\$443
EMCS	206	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	161	10/28/04	\$380
UC Signal		EPSON	820p	1500 hrs. / 2500 Lumens	166	10/27/04	\$443
EMCS	216	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	166	10/27/04	\$380
EMCS	219	EPSON	820p	1500 hrs. / 2500 Lumens	175	9/23/04	\$443
Hunter	402	EPSON	820p	1500 hrs. / 2500 Lumens	177	11/1/04	\$443
EMCS	220	EPSON	820p	1500 hrs. / 2500 Lumens	180	2/25/04	\$443
Holt	204	EPSON	820p	1500 hrs. / 2500 Lumens	180	3/12/04	\$443
Grote	327	EPSON	820p	1500 hrs. / 2500 Lumens	184	10/27/04	\$443
UC Raccoon		PROXIMA	9295	1500 hrs. / 4100 Lumens	192	10/27/04	\$437
Brock	202	EPSON	820p	1500 hrs. / 2500 Lumens	193	11/1/04	\$443

Fletcher	105	PROXIMA	9270	2000 Hrs. / 2600 Lumens	194	11/2/04	\$380
Holt	124	EPSON	820p	1500 hrs. / 2500 Lumens	205	10/26/04	\$443
Frist	200	EPSON	820p	1500 hrs. / 2500 Lumens	207	10/28/04	\$443
EMCS	302	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	220	10/27/04	\$380
Hunter	303	EPSON	820p	1500 hrs. / 2500 Lumens	223	11/1/04	\$443
Holt	208	EPSON	820p	1500 hrs. / 2500 Lumens	239	10/26/04	\$443
Hunter	306	EPSON	820p	1500 hrs. / 2500 Lumens	243	10/27/04-replaced	\$443
EMCS	401	EPSON	820p	1500 hrs. / 2500 Lumens	248	2/25/04	\$443
FAC	210	EPSON	820p	1500 hrs. / 2500 Lumens	255	11/1/04	\$443
Holt	307	EPSON	820p	1500 hrs. / 2500 Lumens	259	10/26/04	\$443
Hunter	210	EPSON	820p	1500 hrs. / 2500 Lumens	259	11/2/04	\$443
Holt	305	EPSON	820p	1500 hrs. / 2500 Lumens	273	10/26/04	\$443
Brock	406	EPSON	820p	1500 hrs. / 2500 Lumens	282	11/1/04	\$443
Fletcher	321	PROXIMA	9270	2000 Hrs. / 2600 Lumens	297	10/28/04	\$380
Holt	207	EPSON	820p	1500 hrs. / 2500 Lumens	303	10/26/04	\$443
EMCS	203	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	313	10/29/04	\$380
UC Aud		EPSON	8300i	2000 (low) / 5200 Lumens	318	10/27/04	\$618
Fletcher	317	PROXIMA	9270	2000 Hrs. / 2600 Lumens	333	10/28/04	\$380
Davenport	111	EPSON	820p	1500 hrs. / 2500 Lumens	334	10/28/04	\$443
Admin.	205	EPSON	820p	1500 hrs. / 2500 Lumens	361	10/29/04	\$443
Fletcher	212	PROXIMA	9295	1500 hrs. / 4100 Lumens	367	10/28/04	\$437
FAC	356	PROXIMA	9295	1500 hrs. / 4100 Lumens	379	10/27/04	\$437
Brock	205	PROXIMA	9270	2000 Hrs. / 2600 Lumens	381	10/28/04	\$380
Fletcher	416	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	422	11/2/04	\$380
Grote	131	PROXIMA	9270	2000 Hrs. / 2600 Lumens	454	10/29/04	\$380
EMCS	218	EPSON	820p	1500 hrs. / 2500 Lumens	458	10/29/04	\$443
Hunter	403	EPSON	820p	1500 hrs. / 2500 Lumens	486	11/1/04	\$443
Holt	309	EPSON	820p	1500 hrs. / 2500 Lumens	495	9/29/04	\$443
Fletcher	206	PROXIMA	9270	2000 Hrs. / 2600 Lumens	518	10/28/04	\$380
Fletcher	314	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	519	10/28/04	\$380
EMCS	407	EPSON	820p	1500 hrs. / 2500 Lumens	527	9/25/04	\$443
Holt	304	EPSON	820p	1500 hrs. / 2500 Lumens	562	10/26/04	\$443
Hunter	407	PROXIMA	9270	2000 Hrs. / 2600 Lumens	572	10/28/04	\$380
Hunter	309	EPSON	820p	1500 hrs. / 2500 Lumens	593	11/2/04	\$443
EMCS	423	EPSON	820p	1500 hrs. / 2500 Lumens	596	9/25/04	\$443
EMCS	239	EPSON	820p	1500 hrs. / 2500 Lumens	609	10/23/04	\$443
Brock	201	PROXIMA	9270	2000 Hrs. / 2600 Lumens	617	10/28/04	\$380
Metro	161	PROXIMA	9270	2000 Hrs. / 2600 Lumens	618	11/1/04	\$380
Frist	305	EPSON	820p	1500 hrs. / 2500 Lumens	634	10/28/04	\$443
Holt	209	EPSON	820p	1500 hrs. / 2500 Lumens	643	10/26/04	\$443
EMCS	240	EPSON	820p	1500 hrs. / 2500 Lumens	663	10/1/04	\$443
EMCS	301	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	688	10/29/04	\$380
Hunter	409	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	695	11/1/04	\$380
Fletcher	113	PROXIMA	9290	2000 hrs. / 3500 Lumens	699	10/28/04	\$380
Davenport	305	PROXIMA	9270	2000 Hrs. / 2600 Lumens	700	11/1/04	\$380
Fletcher	110	PROXIMA	9270	2000 Hrs. / 2600 Lumens	709	10/28/04	\$380

Fletcher	211	PROXIMA	9270	2000 Hrs. / 2600 Lumens	713	10/28/04	\$380
Fletcher	114	PROXIMA	9290	2000 hrs. / 3500 Lumens	798	10/28/04	\$380
Fletcher	210	PROXIMA	9270	2000 Hrs. / 2600 Lumens	832	10/28/04	\$380
Grote	420	PROXIMA	9270	2000 Hrs. / 2600 Lumens	839	10/29/04	\$380
Hunter	212	EPSON	820p	1500 hrs. / 2500 Lumens	870	11/2/04	\$443
Fletcher	201	PROXIMA	9270	2000 Hrs. / 2600 Lumens	871	11/2/04	\$380
Davenport	207	PROXIMA	9270	2000 Hrs. / 2600 Lumens	948	11/1/04	\$380
EMCS	402	EPSON	820p	1500 hrs. / 2500 Lumens	952	10/1/04	\$443
Fletcher	315	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	959	11/2/04	\$380
Fletcher	213	PROXIMA	9270	2000 Hrs. / 2600 Lumens	998	11/2/04	\$380
Gym	207	SANYO	PLC-XP40	2000 Hrs. / 2600 Lumens	1116	11/1/04	\$380
Fletcher	200	PROXIMA	9270	2000 Hrs. / 2600 Lumens	1188	11/2/04	\$380
Fletcher	316	PROXIMA	9270	2000 Hrs. / 2600 Lumens	1360	11/3/04	\$380
EMCS	230	PROXIMA	9500	1500 hrs. / 5200 Lumens	1042 - LL	10/28/04	\$391
EMCS	230	PROXIMA	9500	1500 hrs. / 5200 Lumens	1042 - LR	10/28/04	\$391
EMCS	230	PROXIMA	9500	1500 hrs. / 5200 Lumens	1167 - RR	10/28/04	\$391
EMCS	230	PROXIMA	9500	1500 hrs. / 5200 Lumens	1171 - RL	10/28/04	\$391
EMCS	201	PROXIMA	9500	1500 hrs. / 5200 Lumens	1372 - LL	10/28/04	\$391
EMCS	201	PROXIMA	9500	1500 hrs. / 5200 Lumens	480 - RL	10/28/04	\$391
EMCS	201	PROXIMA	9500	1500 hrs. / 5200 Lumens	500 - RR	10/28/04	\$391
SimCenter		EPSON	8300i	2000 (low) / 5200 Lumens	51 - R	11/2/04	\$618
SimCenter		EPSON	8300i	2000 (low) / 5200 Lumens	53 - L	11/2/04	\$618
EMCS	201	PROXIMA	9500	1500 hrs. / 5200 Lumens	634 - LR	10/28/04	\$391
Grote	129	MITSUBISHI	XL5950U	1000-1500 hrs. / 4700 Lumens			\$449