
CRC Recommendation (Revised)

December 6, 1999

Larry Bohlender (chair); Mary Blackwell; David Cost; Jim Daugherty; Theresa Hilding; Toni McClory; Sue Murry; Dorene Rekos; Karen Schwalm; Richard Shortridge (ex officio)

A. Introduction

B. Summary Chart

C. Recommendations

D. Appendices

1. Requests with Recommended Dispositions

A. Introduction

The CRC reviewed approximately 103 separate computer technology requests submitted by 36 departments and programs. The Committee met with all but two of the requesters in September and October. Requests for 2000-2001 computer technology, not counting the 5-Year Lab Plan and the Desktop Project were in excess of \$1 million, far exceeding past submissions.

This is created by several factors:

- a.* The continued success of computer instruction and the continued development of computer instructional programs;
- b.* the completion during the 2000-2001 time frame of the Library Media Center, Applied Science building, the Chemistry building and the Math building — none of which provided computer technology funding and one of which (applied science) was further shortchanged by new labs unable to accommodate existing desktop computers, requiring laptop requests; and
- c.* the planned opening of Glendale Community College North without significant computer technology startup capital.

The enormity of the requests coupled with the critical nature of a majority of the larger requests made it extremely difficult for the Committee to reasonably prioritize and structure its recommendation while at the same time meet classroom and support needs; provide educationally sound, fair and equitable technology distribution; make sound fiscal decisions and live within an unknown dollar figure, but one certainly far less than the requests. The Committee met in excess of 40 hours attempting to best complete

its unenviable task. In the end, the Committee determined, in addition to its prioritization task, that some requests would have to be trimmed in size and that some usage adjustments would be necessary to best meet the overall computer technology needs of the campus.

As a result of its meetings, the Committee determined that 13 of the requests can or will be fulfilled using existing equipment or were software requests which could be fulfilled. Five of the requests were non-capital budget items. Thirty-five requests were for new or potential hires and were addressed in connection with Desktop Project issues.

The Committee reaffirmed its support of time-tested patterns of GCC computer technology planning and articulated in its report of last year. This includes a Special Project category in which the Committee has identified a handful of projects that deserve special consideration this year. The remaining requests were evaluated and prioritized as indicated in the Summary Chart that follows. (A composite listing of all requests and recommended dispositions is set forth in the Appendix).

The CRC in its 1998-99 report proposed a plan for presentation systems to be replaced every 5 years and that they conform to a standard. This report restates the presentation system plan, but believes it must further address the use of these systems. In sum, the request separately addresses current and long-term funding issues in the following areas: (1) the Five Year Lab Plan; (2) Presentation Systems; (3) the Desktop Project; (4) Special Projects; and (5) the remaining ranked requests. The CRC recommendation was accepted unanimously by the CTC on Dec. 2, 1999.

The Committee also believes it especially important to request that the Budget Developmental Committee give special attention to the exceptional and unusual nature of the computer technology requests in this year of campus expansion as described above.

B. Summary Chart

<p>PRIORITY ONE: Five Year Lab Plan continue its expansion to 6 labs (one additional lab) begun last year and also four (LMC, HT1-142, HT2-151, and LS-143) new or updated presentation systems (estimated cost = \$525,000). The new lab proposed this year will be a Business lab.</p>																																																	
<p>PRIORITY TWO: 10 new presentation systems for lecture and lab classrooms (estimated cost = \$100,000):</p> <ul style="list-style-type: none"> Applied Science (2 systems) for labs in new building Chemistry (2 systems) for lecture/labs in new building Electronics (projector) T1-109 English (1 system) LA-104 or LA-105 Fire Science (projector & Div.) Fire Station A Law Enforcement TPS-101 GCC North (1 system) Business (1 system) B-108 																																																	
<p>PRIORITY THREE: Desktop Project (\$300,000).</p>																																																	
<p>PRIORITY FOUR: Special Projects (\$104,000) ranked:</p> <ul style="list-style-type: none"> #1 Mathematics lab, 24 computers plus presentation system (\$37000) #2 GCC North lab, 24 computers, no projection system; includes server, networking and additional hardware costs (\$37,000) #3 Applied Science 12 laptops-experimental pilot (\$30,000) #4 Mathematics, 8 computers(Math Solutions) from dominoed academic resources (includes printer) #5 GCC North, 4 computers (student service cluster) from dominoed academic resources 																																																	
<p>PRIORITY FIVE: Remaining ranked requests: (the first 14 are highly recommended)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1. Nursing</td> <td>Virtual Reality - SimCath Intravenous Training System, \$7,000</td> </tr> <tr> <td>2. HPER</td> <td>Computer, Windows platform; server (1 only @ \$2,000)</td> </tr> <tr> <td>3. College-wide Services</td> <td>4 Laptops and 2 Digital cameras, \$10,000</td> </tr> <tr> <td>4. Student Services</td> <td>Laserjet 4000 TN (1 only @ \$1,500))</td> </tr> <tr> <td>5. Technology (tie)</td> <td>Pentium computers (5 stations) for HTI-144 lab, (1 only @ \$2,000))</td> </tr> <tr> <td>6. Technology (tie)</td> <td>Premier Editing & animation computers (1 only @ \$6,000)</td> </tr> <tr> <td>7. Chemistry</td> <td>LaserJet Printer (\$1,500)</td> </tr> <tr> <td>8. Performing Arts</td> <td>Digidesign 9 gigabit hard drive (\$1,000)</td> </tr> <tr> <td>9. Technology</td> <td>Cisco Lab Bundle</td> </tr> <tr> <td>10. Math. & Computer Sci</td> <td>Calculator overhead projection system</td> </tr> <tr> <td>11. Student Services-LAC</td> <td>Laser Printer (\$1,000)</td> </tr> <tr> <td>12. Technology/Drafting</td> <td>B Size laser printer (\$3,500)</td> </tr> <tr> <td>13. Math. & Computer Sci</td> <td>10 graphing calculators (\$1,000)</td> </tr> <tr> <td>14. Student Services</td> <td>Printer for assessment (\$1,500)</td> </tr> <tr> <td>15. Chemistry</td> <td>12 laptops-experimental pilot</td> </tr> <tr> <td>16. Performing Arts (tie)</td> <td>Digidesign Toolbox Bundle</td> </tr> <tr> <td>17. Performing Arts (tie)</td> <td>Digidesign 888 module 24bit Analog/Digital converter</td> </tr> <tr> <td>18. Technology</td> <td>Video projector/TPS104</td> </tr> <tr> <td>19. Business</td> <td>Upgrade HT1-142</td> </tr> <tr> <td>20. English, Rdng, JRN (tie)</td> <td>Presentation systems LA 105)</td> </tr> <tr> <td>21. Technology (tie)</td> <td>Video Projector/TPS105</td> </tr> <tr> <td>22. Psychology</td> <td>NEC upgrade in LS-142 (projector only)</td> </tr> <tr> <td>23. Instructional Services</td> <td>HP Laser Jet 4050 N Printers</td> </tr> <tr> <td>24. Philosophy & Religion</td> <td>Data Projection System for room B-101</td> </tr> </table>		1. Nursing	Virtual Reality - SimCath Intravenous Training System, \$7,000	2. HPER	Computer, Windows platform; server (1 only @ \$2,000)	3. College-wide Services	4 Laptops and 2 Digital cameras, \$10,000	4. Student Services	Laserjet 4000 TN (1 only @ \$1,500))	5. Technology (tie)	Pentium computers (5 stations) for HTI-144 lab, (1 only @ \$2,000))	6. Technology (tie)	Premier Editing & animation computers (1 only @ \$6,000)	7. Chemistry	LaserJet Printer (\$1,500)	8. Performing Arts	Digidesign 9 gigabit hard drive (\$1,000)	9. Technology	Cisco Lab Bundle	10. Math. & Computer Sci	Calculator overhead projection system	11. Student Services-LAC	Laser Printer (\$1,000)	12. Technology/Drafting	B Size laser printer (\$3,500)	13. Math. & Computer Sci	10 graphing calculators (\$1,000)	14. Student Services	Printer for assessment (\$1,500)	15. Chemistry	12 laptops-experimental pilot	16. Performing Arts (tie)	Digidesign Toolbox Bundle	17. Performing Arts (tie)	Digidesign 888 module 24bit Analog/Digital converter	18. Technology	Video projector/TPS104	19. Business	Upgrade HT1-142	20. English, Rdng, JRN (tie)	Presentation systems LA 105)	21. Technology (tie)	Video Projector/TPS105	22. Psychology	NEC upgrade in LS-142 (projector only)	23. Instructional Services	HP Laser Jet 4050 N Printers	24. Philosophy & Religion	Data Projection System for room B-101
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C. Recommendations

1. PRIORITY ONE—THE FIVE YEAR LAB PLAN

A. The CRC recommends that funding of the Five Year Lab Plan remain the college's top technology priority.

As in prior years, the CRC remains firmly committed to the Five Year Lab Plan. This plan provides scheduled upgrades to student computer labs that are essential to core Business, CSC, Math, Science, English, Graphics and Technology programs; makes advanced computer resources available to other disciplines through the Palette and other projects; benefits students campus-wide through the maintenance of the two HTC computer pits; and provides for the orderly reallocation of older equipment, thereby conserving College resources.

B. The CRC recommends continuing the expansion of the Five-Year Plan to 6 labs each year as started last year (the original Five Year Plan had a base of five so-called top-level labs and 20 other labs; the expansion will increase the base, at the rate of one lab per year for five years, to six top-level labs and 25 other labs.

Again this year, the Committee believes this can be accomplished within the current requested amount (\$525k) due to continued reduced costs, smart purchasing, and doing more with what is available. This year especially, the CRC received numerous requests for new labs; clearly there will continue to be more requests because of new buildings, new applications and evolving teaching methods. With the loss next year of the bond funding, it seems prudent to take advantage again this year to expand conservatively to best meet demand and take advantage of continued reduced costs.

The first new lab in this cycle was to have been specified as a shared lab scheduled by instructional computing and available only for classes wanting a lab for one to a maximum of 15 meetings a semester. In actuality, the lab became one shared by Mathematics and Foreign Language, and it didn't meet the expectations of the Committee of benefiting a broad audience immediately while partially satisfying some departments waiting for additional technology requests to be gradually phased.

C. In conjunction with the addition of the 6th lab as part of the 5 Year Plan next year, CRC recommends the following changes in the shared lab added last year and the Library Media Center lab request.

The Committee recommends, subject to the funding of the math lab in Priority Four that the current shared lab, B-106, be moved to the Library Media Center classroom when the Library classroom becomes available (planned for Fall semester, 2000). The committee's expectations are that beginning in Spring 2001, the Library will schedule this shared room to meet the needs of Foreign Language and as many other departments as necessary, always with an attempt to meet the goals above of being available only for classes wanting a lab for one to a maximum of 15 meetings a semester so that a broad audience may benefit. B-106 will then become the new 6th lab, and to be used primarily by the business department to meet its expanding needs.

- D. In conjunction with the expansion of the 5 year plan and the growth of technology use in general, the CRC recommends the re-evaluation of the technical support staffing necessary to adequately support computer related technology on campus.**

The current staffing model for technical support was based on a cap of 1,500 computers on campus. Additions in the past 5 years have raised that total to more than 1,900 machines. With the expansion of the 5 year plan and other computer needs, including the new construction of classrooms and offices, it is not unrealistic to expect more than 2,000 computers on campus in the near future. Support for these computers must be addressed as they are purchased. Other related growth in the past 5 years includes changes in our network and our software usage. Many changes are anticipated in subsequent years. The Information Services groups and other campus units planned for and included staffing in this year's budget request in anticipation of this expansion.

- E. The CRC recommends that presentation system upgrades continue to accompany the annual computer upgrades in the student labs on a 5 year replacement cycle.**

Presentation systems in lab classrooms are essential. When projectors fail or seriously degrade, the lab loses much, if not all, of its instructional functionality. The Committee believes that a scheduled replacement policy for projectors (in contrast with the past, ad hoc approach) is improving the budget planning process, reducing the operational expenses associated with moving permanently-installed equipment, and ensuring that the projection units are fully compatible with the hardware upgrades already scheduled for the labs. The four labs that will receive new presentation systems this year are the LMC (the shared lab classroom), HT1-142, HT2-151 and LS-143.

- F. The CRC understands that some modifications must be made to the 5 Year Plan as a result of the recommendations made by the Committee. It recommends those modifications in (the upcoming) Year Five of the Five Year Lab Plan to reflect changes necessitated by CRC action be implemented through the CTC and the Information Services groups.**

Need for flexibility in the Five Year Lab Plan has always been recognized. This year especially the requests are numerous and complex, the exact timing of new facilities is critical in some cases, and circumstances may change in other cases. This will necessitate changes in the 5 Year Plan beyond the scope of the CRC. In any event, these modifications will likely be relatively minor and will not add any additional cost to the Plan. However, they will allow Year Five resources to be most effectively allocated in accordance with the goals established by the CRC.

2. PRIORITY TWO—PRESENTATION SYSTEMS

- A. The CRC recommends that the college continue to fund a five year program to equip approximately one-third of classrooms on campus (i.e., approximately 65 classrooms, including labs) with standardized presentation systems and further, that it plan to upgrade these systems on a scheduled rotation cycle analogous to the Five Year Lab Plan.**

Enthusiasm for this technology remains strong with several requests for complete or partial presentation systems submitted again this year. These requests cut across several disciplines with

a diverse variety of uses within the classrooms. An inventory for existing presentation systems and a tentative 5 year plan has been developed, which can be adjusted to accommodate future additions and changes. For example, this year, presentation systems in current Applied Science classrooms will remain for the use of the Mathematics department, while new systems were approved for Applied Science. Because presentation systems benefit students not traditionally associated with computing, allow new ways to explain complex concepts and skills, and bring easy-to-produce, yet sophisticated, presentations to the classroom, they continue to allow more instructors into technology. For all these reasons, the CRC believes that presentation systems are among the most important of technology investments. To accommodate the sizable demand, the CRC remains committed to the gradual, five-year implementation program where the systems are to be replaced approximately every 5 years and that they conform to a standard.

- B. To achieve the one-third classroom (60 to 65 rooms), the CRC recommends that an average of approximately 13 new presentation systems continue to be funded on an annual basis, which includes a variable number of systems for the 5 year labs.**

Four systems are recommended for 5 year labs, and the Committee has identified 10 complete and partial standard presentation requests for funding this year, as indicated on the Summary Chart under Priority Two.

- C. The CRC further recommends that all presentation systems continue to conform to uniform, campus-wide specifications, and that these specifications be re-evaluated on an annual basis. Until another standard is adopted, the CRC has determined that campus presentation systems should consist of a desktop-level computer, a ceiling-mounted projector, and a video distribution amplifier.**
- D. The CRC again recommends that future installations be distributed to classrooms rather than departments; that classroom assignments should encourage the widest possible sharing of this technology across disciplines; and that the classrooms already have the necessary infrastructure to connect to the Palette network.**

While the Committee believes the use of presentation systems to be among the most effective pairings of limited resources and academic innovation, requestors — departments, programs and individuals — should know that the cost is not insignificant; it is equivalent to equipping one-third of a complete computer classroom. Therefore, the Committee urges that these classrooms be scheduled to ensure maximum use. The Committee also encourages release of projection-equipped classrooms to other departments during otherwise unscheduled time periods. Secondly, the goal of the Committee is not to do parts and pieces of presentation systems. A concerted effort continues to catch up the parts and pieces, and then update systems as a unit when possible.

3. PRIORITY THREE—THE DESKTOP PROJECT

- A. The CRC supports the long-term continuation of the Desktop Project and recommends that it be gradually merged with other 5-year technology planning cycles in anticipation of the end of current District funding. Consistent with the recommendations of the past two years, the Committee recommends that the College continue to fund \$300,000 and allocate that amount to be spent on the Desktop Project this year.**

The Desktop Project has enabled the college to connect hardware infusion and upgrades with opportunities for employee learning. The process has been refined over the past three years and is documented on the college web at <http://www.gc.maricopa.edu/apollo/desktop>. A significant benefit of this program has been the ability of faculty and staff to manage the speed of their own learning with respect to technology and to schedule their own hardware upgrades. The proposed funds will enable the College to sustain this program when the present District funding ends this year. Specifically, it will allow 20% of the employee desktop machines to be upgraded on an annual basis.

- B. As stated last year, the CRC recommends that when deans budget for new employee slots that are not included in the Desktop Project, they transfer \$3,000 per new slot into the Desktop Project account, retroactive to July, 1996 when the Project funding levels were established.**

This proposal will enable employees hired to fill new permanent slots to become part of the Desktop Project process. The CRC is concerned that this recommendation has not been met fully by the deans. Without this funding transfer, valid technology requests prioritized and recommended by the Committee may not have been funded. This tends to complicate the planning efforts of the CRC to develop and support a cohesive plan for the college.

- C. As stated the last two years, the CRC recommends that deans contribute \$1,000 to the Desktop Project account for each new employee hired on an OYO or temporary assignment, retroactive to July, 1996 when the Desktop Project began.**

This proposal will help defray the costs of providing refurbished machines to these employees. Employees hired in these new positions will become part of the Desktop Project process, eligible to receive refurbished computers adequate for the tasks they were hired to perform. The CRC is concerned that this recommendation has not been met fully by the deans.

4. PRIORITY FOUR—SPECIAL PROJECTS

- A. The CRC recommends the Mathematics request for a consolidated lab in the remodeled science building be funded with 24 computers, teacher's station and a projection system. (An existing projection system will be installed in the lab)**

The Committee agreed that this was the most compelling need beyond the lab changes in the 5 Year Plan. Most Calculus, Finite math, FLEX Format courses, evening CSC classes and many other math classes will make use of this lab. Additionally, math will be moving from its shared lab in B-106 which opens that lab for other use. The request was for 35 computers.

- B. The CRC recommends that GCC North be funded for a computer lab consisting of 24 computers and a teacher's station, and a projection system approved under Priority Two.**

The CRC recognized the technology need for the new facility for which two complete labs had been requested, but also firmly believed that in a year of exceptional requests and one in which clearly all large requests could not be met without some reduction or change, approving both labs could jeopardize existing programs. This also is in keeping with the Committee's belief that limited resources are generally more prudently allocated first to existing or expanding programs and secondly to new, unproven programs.

C. The CRC recommends that Applied Science be funded for a pilot lab (consisting of 12 laptops) in the new building.

Applied Science is moving into a new building in Fall, 2000. This department has been part of the 5-Year lab plan in the past, but the classroom design in the new buildings will not accommodate desktop computers, leaving laptops as the only option. Since there is no lab experience at GCC with laptops, and they remain considerably more expensive and fragile than desktops, the Committee recommends that the department be funded for a cluster of 12 laptops on a pilot basis only. The Committee hopes this modest commitment to this lab configuration will provide an opportunity for faculty and GCIS staff to work out the complex instructional, technical and support issues before a larger commitment is made to this configuration elsewhere on campus. The Committee expects that a report of the strengths and weaknesses of this more flexible approach to computer classrooms will be incorporated into next year's budget and planning documents.

The request from Applied Science was for 30 laptop computers.

C. The CRC recommends that Mathematics receive eight computers for Math Solutions and GCC North receive four computers for a Student Services cluster.

Math solutions will move from HT-2 to the new math building, thus creating the need for computers as part of the program. GCC North will need computers to provide basic student services. The 12 computers allocated here will come from dominoed academic resources.

5. PRIORITY FIVE—THE REMAINING RANKED REQUESTS

The CRC proposes that the remaining requests be funded in the order indicated in the Summary Chart above, noting that the top 15 were ranked significantly higher than the rest. As in prior years, the Committee prioritized the requests by taking into account such factors as the number of students who would benefit from the technology, how essential the equipment was to existing or future programs, support and upkeep requirements, and other basic considerations. The following statement was made in last year's report, and is even more valid this year. "The sheer volume of requests this year—and the recognition that the demand for technology will only continue to escalate—prompted more far-ranging discussions." Additional issues that surfaced during the committee's evaluation process included:

- whether the technology/program has been sufficiently tested/established to justify further costly outlays at the present time;
- whether the request requires a long-term commitment to more costly and less flexible proprietary systems;
- whether the request duplicates technology available elsewhere on campus;
- whether the request involved a plan for sharing of resources across programs, departments or locations;
- whether the department making the request had been creative in stretching or leveraging its existing technology resources;
- whether the department's faculty or staff possessed the expertise to support colleagues in using the requested resources, thereby reducing outside support requirements and broadening use;

- whether the request reflected full recognition of associated operational costs such as software, paper, toner, maintenance, networking, etc.;
- whether the technology requested was dated or likely to be supplanted by different technological solutions in the foreseeable future;
- whether the request was aligned with the scheduling of campus building, remodeling, hiring or program implementation

To improve communication and planning in the budget process, the CRC recommends that the departments be given feedback regarding the evaluation of their specific technology requests.

6. DOCUMENT IMAGING PROJECT

Two requests from Enrollment Services are to continue implementation of the document imaging system project begun this year. The request is for two Fijitsu Duplex Scanners, two scanning licenses, 10 NT-Client workstation licenses, 10 concurrent user imaging licenses, and 10 concurrent user workflow licenses. This request totals \$40,750.

The Committee is wholly in support of document imaging for records maintenance, but determined this request should be separated from others for the following reasons:

- a. Cost is disproportionate to the campus technology budget
- b. Staffing implications appear to be significant
- c. The request seems to be part of basic district-wide basic operational services where the need standards among campuses is clear
- d. The Committee has no real way to determine the appropriateness of the proprietary system.
- e. The current project is in its beginning stages and is viewed by the Committee as a pilot for this request.

APPENDIX 1: 1999/2000 REQUESTS WITH RECOMMENDED DISPOSITIONS

Department	Request	Priority / Disposition
Applied Science	Scantron to be shared with Chemistry Department	5 / #27
Applied Science	30 laptop computers for student use in laboratory setting	4 / Special Projects (pilot of 12)
Applied Science	5 NEC Data/Video Projectors	4 / Special Projects (2 systems)
Applied Science	printers for lab rooms	4 / Special Projects (2 labs standard printers)
Business	25 Upgrade B-102 and include it in the rotation of labs.	1 / Five-Year Plan (B-106)
Business	25 Upgrade HT1-142 and include it in rotation of labs. (12 freed)	5 / #19
Business	Projector and computer system in room B108	2 / Presentation Systems
Chemistry	LaserJet Printer	5 / #7
Chemistry	26 Laptop Computers for Chemistry Labs	5 / #15 (pilot of 12)
Chemistry	Presentation Systems	2 / Presentation Systems
College-wide Services - Innovation Center	Laptops and Digital cameras	5 / #3
College-wide Services - GCC North	48 system computers, software, networking hardware	4 / Special Projects (lab of 24 plus cluster of 4)
College-wide Services - GCC North	2 Presentation systems for labs	2 / Presentation Systems(1 system)
College-wide Services	Macintosh G3 computer	Completed from available resources
English, Reading & Journalism	Presentation systems LA 105)	5 / #20
English, Reading & Journalism	Presentation systems (O5-142)	5 / #25
English, Reading & Journalism	Presentation systems (LA 104)	2 / Presentation Systems
Health, Physical Education & Recreation	3 Computers, Windows platform; server	5 / #2 (one only)
Health, Physical Education & Recreation	4D software license and upgrade	Being completed from available resources
Health, Physical Education & Recreation	Neat System Software	Completed from available resources
Instructional Services	HP Laser Jet 4050 N Printers (9)	5 / #23
LMC	25 Computer Workstations (Electra)	1 / Five-Year Plan
LMC	1 Computer Workstation (Media)	5 / #33 (tie)
Mathematics & Computer Science	One (1) ceiling projector and computer.(collab clsm)	5 / #30 (tie)
Mathematics & Computer Science	Calculator overhead projection system	5 / #10
Mathematics & Computer Science	10 graphing calculators	5 / #13
Mathematics & Computer Science	One (1) Laser Color Printer	5 / #35 (tie)
Mathematics & Computer Science	36 Student Computers	4 / Special Projects (lab of 25)
Mathematics & Computer Science	17 Computers for The Math Solution	4 / Special Projects (cluster of 8 from dominoed academic resources.)
Mathematics & Computer Science	Projection system and computer	5 / #31 (tie)
Mathematics & Computer Science	Two (2) Ceiling Projection Systems with computers	Done - remain in SC
Mathematics & Computer Science	Two (2) Laser printers for lab	4 / Special Projects
Mathematics & Computer Science	One (1) Laser Printer for Math Solutions	4 / Special Projects
Mathematics & Computer Science	One (1) Palette Computer for Records Room	Will complete with refurb
Nursing	Virtual Reality - SimCath Intravenous Training System	5 / #1
Performing Arts	Digidesign 9 gigabit hard drive	5 / #8
Performing Arts	Digidesign Toolbox Bundle	5 / #16
Performing Arts	Digidesign 888 module 24bit Analog/Digital converter	5 / #17

Department	Request	Priority / Disposition
Philosophy & Religion	Data Projection System for room B-101	5 / #24
Psychology	NEC upgrade in LS-142 (projector only)	5 / #22
Psychology	Vision Lab Hardware and Software	5 / #28
Psychology	Full projection system in LS-143	1 / Five-Year Plan (LS-143)
Social Science	Computer and scanner	Will complete with refurb/scanner from budget
Student Services	2 Laserjet 4000 TN printers	5 / #4 (1 only)
Student Services	3 Desktop computers for Assessment	5 / #27
Student Services	High Technology PC Laptop Computer – Multicultural Affairs	5 / #31 (tie)
Student Services	Printer for assessment profile reports	5 / #14
Student Services	Student Tracking Software	Non-capital
Student Services	2 Student Cluster Computers	Will complete with refurb
Student Services	Windows Computer - tracking system station	Will complete with refurb
Student Services	Fijitsu Duplex Scanner (2)	Recommendation 6
Student Services	Expand BlueBird workstation licenses	Recommendation 6
Student Services-LAC	Laser Printer	5 / #11
Technology	Pentium computers (5 stations) for HTI-144 lab, (1)	5 / #5 (tie) one only
Technology	Premier Editing & animation computers (1)	5 / #6 (tie) one only
Technology	Cisco Lab Bundle	5 / #9
Technology	Video Projector T1-109	2 / Projection Systems
Technology	Video projector/TPS104	5 / #18
Technology	Video Projector/TPS105	5 / #21
Technology	Video Projector Fire station classroom B	5 / #27 (tie)
Technology	Avid computer system	5 / #29 (tie)
Technology	AVID Editing System	5 / #29 (tie)
Technology	Multimedia Cart - NEC MT830 Data/Video Projector -	5 / #30 (tie)
Technology	Audio Editing computer	5 / #31 (tie)
Technology	Video Projector /FS-A	2 / Presentation Systems
Technology	Windows-based computers T1-134	Will complete with refurb
Technology	Windows-based computers T1-148 fixed	Completed (or will complete) from available res.
Technology	PC and Data/Video Projection System - TPS 101	2 / Presentation Systems
Technology	Software	Non-capital
Technology	Software	Non-capital
Technology	Innscriber character generator program	Non-capital
Technology	NEC Video projection system with computer	Duplicates Multimedia Cart request above
Technology	PC platform multimedia computer/TPS105	Completed from available resources
Technology	PC format multimedia computer / TPS104	Completed from available resources
Technology/Drafting	B Size laser printer	5 / #12
Technology/Drafting	D size scanner with vectoring software	5 / #26
Technology/Drafting	25 new computers per CTC schedule	Will be completed per Five-Year Plan
Technology/Drafting	Parametric and desktop software	Non-capital