

**Georgia State University**  
**FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
2.1.1	RCB	1	1	Computer Information Systems	High -Performance Virtual Lab Expansion	The technology Fee grant will allow us to accommodate the additional request for Virtual Machines and alleviate the current virtual machine connectivity and performance issues. Faculty and students will no longer have to cut their virtual lab time / classes short in order to accommodate other classes that are in need of virtual machine resources.	\$179,772
2.1.2	RCB	1	2	The Center for Ethics and Corporate Responsibility	Ethics Simulations: Ethics and Corporate Social Responsibility	The grant will fund the licensing fees for web-based simulations that will be used extensively in the MBA curriculum. The Tech Grant is a preferred alternative, as passing the fee to students, as is done in some institutions, is an issue. Used in the classroom in the Fall 2008 (BA 8100/LAW 7339; EMBA 8810), it was very successful. The response was so great that the demand for the simulation far outstripped the grant funds available. We were unable to meet the demand. Courses requesting use of the simulation for 2009 include EMBA 8810, BA8100, PMBA 8830, and GMBA 8610).	\$15,000
2.1.3	RCB	1	3	Marketing/Business Communication	CS 609 Upgrades	The Business Communication Program is making the following requests for technology upgrades in CS 609 to enhance our ability to serve our students most effectively and to stay current with trends in teaching and learning. As a program within the Department of Marketing, we serve close to 500 students per semester at the undergraduate level alone. We have also participated in a joint venture with Career Services to integrate professionalism into our curriculum starting Fall 09. Our students need the latest and best in technology to give them the advantages they need as they go forward in their program and in their careers.	\$9,420
2.1.4	RCB	1	4	RCB	Improving Students Learning Experience through an Interactive SMS	Any who has attended a major sporting event is familiar with how text messaging (SMS) can be used to broadcast individuals' messages to a broad audience. The concept for this proposal is simple, yet wonderfully effective. Let students use text messaging to ask faculty questions while class is in session.	\$40,000
2.1.5	RCB	1	5	Career Management Center	Joint Proposal from RCB Career Management Center and University Career Services	One of the serious ongoing concerns of our students is the relative lack of individual assistance with placement. Providing Georgia State University undergraduate and graduate students with 24/7 intern access from any location on or off-campus, to the best career resources available will go a long way to meeting this challenge. In order to achieve this goal, we ask for your support to utilize Tech Fee resources to purchase the site license access for all GSU students to the Career Management Resources identified in this proposal. Our request includes continued funding of resources originally funded with Student Tech Fee dollars due to departmental budgetary constraints which still remain.	\$109,839
2.1.6	RCB	1	6	Marketing/Business Communication	Portable Video Cameras to Film Student Presentations	The Business Communication Program is making the following requests for technology to enhance our ability to serve our students most effectively and to stay current with trends in teaching and learning. As a program within the Department of Marketing, we serve close to 500 students per semester at the undergraduate level alone. We have also participated in a joint venture with Career Services to integrate professionalism into our curriculum starting Fall 09. Our students need the latest and best in technology to give them the advantages they need as they go forward in their program and in their careers.	\$5,690
2.1.7	RCB	2	1	RCB	Interactive computing with object recognition and enhanced communications	Microsoft Surface™ turns an ordinary tabletop into a vibrant, interactive surface. The product provides effortless interaction with digital content through natural gestures, touch, and physical objects. Surface is a table-like form that is easy for individuals or small groups to interact with in a way that feels familiar in the real world.	\$51,070

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2.1.8	RCB	2	2	RCB	Multi-party (1:M or M:N) video conferencing and collaboration	President Becker has mandated to the IS&T group that he would like to have an infrastructure that supports high-definition, multi-point video conferencing. An IS&T committee has committed University funds to a new hardware device (Polycomm HDX 8004 XLP) to fulfill the President's request. The purpose of this proposal is to leverage this new hardware infrastructure to supply a high quality, multi-point (many-to-many) video conferencing solution for our students. Moreover, inclusive to the software is application-sharing and whiteboard capabilities. This proposal supports RCB's mandate to enhance communication and collaboration amongst the RCB student population.	\$28,000
2.1.9	RCB	2	3	RCB System Support	Upgrade Audio System in Buckhead Classrooms	The Executive MBA program has been ranked as one of the "Top 25" programs in the world. In order to maintain the stature of this program, attract high quality students, and to compete with other Atlanta area Universities, we need to keep this facility fully functional as state-of-the-art. Executive students expect the best instruction, in modern up-to-date, fully functioning classrooms	\$10,700
2.1.10	RCB	2	4	Finance	Student Learning Enhancement Through Financial Market Data Applications	The purpose of this project is to enhance student learning at both the undergraduate and graduate levels by closely integrating finance theory with real world practice. To accomplish this goal we are integrating the widespread use of financial market databases into our curriculum. This will allow students to both apply and test financial models using real life data, thus helping achieve a major learning objective of our program. Access to the financial market databases specified in this proposal will accomplish this goal.	\$66,296
2.1.11	RCB	2	5	Managerial Sciences	CRSP-Compustate Merged Database Access	Access to this database by graduate students will eliminate the hand matching that students would otherwise have to do when working with accounting data from Compustat and Security Price data from CRSP. Increasingly students use both type of data in large, time-series, cross-sectional analysis. This use is both in classroom activities and research projects. This capability enables students at GSU to use much larger firm samples in these activities and projects, which is increasingly the standard for learning how to do and executing graduate-level research in Finance, Marketing, Accounting, Risk Management and Strategic Management.	\$17,621
<b>RCB Total:</b>							<b>\$533,408</b>
2.2.1	COE	1	1	Middle Secondary Education and Instructional Technology (MSIT)	Science and Technology Education through Probeware (STEP)	This proposal aims to enhance the educational and more specifically STEM experiences of pre-service science teacher education students by incorporating Probeware into their learning experiences. Probeware refers to the educational applications of probes, interfaces, and software used for real-time data acquisition, display, and analysis with a computer, calculator, PDA, or other portable computing device. Currently, we do not have Probeware technology equipment to provide the necessary pedagogical support to our students. Through this proposal we hope to enhance our capability of offering high quality, technology integrated science methods and content courses by incorporating Probeware into preservice science teacher education courses.	\$61,559
2.2.2	COE	1	2	Instructional Technology Center	ITC Computer Open Area and Labs Upgrade	Replace, for student use, 96 desktop computers and 32 laptop computers. Computers, presently in use are out of warranty. Add 4 MacBook notebooks to regular laptop circulation	\$158,698

**Georgia State University**  
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2.2.3	COE	1	3	Kinesiology and Health	Kinesiology Multimedia Computer Kits Replacement to Avoid Obsolescence	The purpose of the current proposal is to replace a previously purchased multimedia kits used for instructional purposes with Kinesiology undergraduate and graduate students. The multimedia kits currently in use were purchased with Technology fee money in 2005. These multimedia kits have been integrated into the curriculum in the past 4 years and are now an integral part from many course requirements and instructional activities. Unfortunately, these kits are out of warranty and have been approaching obsolescence. In order to maintain the high level of educational experience we established in the past 4 years thanks to these technologies, these multimedia kits will have to be replaced with the updated version of the items included in the kit.	\$62,208
2.2.4	COE	1	4	Early Childhood Education	Technology-Enhanced Learning: Multimedia Capstone, Video Feedback, & Online Learning	The proposed project supports the development and expansion of the following technology supported activities: Multimedia Capstone Project, Video Feedback Conversations, Online Learning and Teacher Video Clubs. All of these technology rich activities allow candidates to reflect on and improve their pedagogy. Because of the increasing use of video and video editing for program assignments and the increasing number of students entering our program, we do not have sufficient equipment to allow us to support these activities.	\$47,983
2.2.5	COE	1	5	Counseling & Psychological Services	Department of Counseling & Psychological Services Classroom Technology Upgrade	The Department of Counseling & Psychological Services located on the 9th floor of the College of Education seeks to upgrade the technology in 1 classroom. The CPS department offers 10 degree programs and serves approximately 500 students. Within the past 2 years, the department has been able to upgrade 3 classrooms, and 1 training lab. Room 923 will be the last room to be upgraded. The design will be identical to the other 3 classrooms. These upgrades have proven to be extremely instrumental in the quality of teaching in these classrooms.	\$89,500
2.2.6	COE	1	6	Deans Office	Doctoral Workroom Technology Refresh	The purpose of this proposal is to replace the workstations for College of Education doctoral students in the Doctoral workroom. There are 11 Dell Optiplex minitower computers in the workroom that will be out of warranty June of 2009. We would like to replace 10 of the computers with PC based computers (Dell or HP) and 1 computer with an Apple iMac.	\$13,500
2.2.7	COE	1	7	Educational Psychology & Special Education	Equipment for Communication Disorders Program	This proposal seeks to purchase equipment for the Communication Disorders (CD) Program to ensure students have access to state-of-the-art technology during their undergraduate and graduate education. CD students must demonstrate knowledge and skills in the testing of hearing to meet certification competencies mandated by national and state agencies. This equipment will allow them to meet those requirements. It will be used in both classes and clinical practicum in our Speech-Language-Hearing Clinic. This new equipment will also ensure that services provided by our students to the Atlanta community are commensurate with those offered at other clinical training programs throughout the region.	\$25,149
2.2.8	COE	1	8	MSIT	Teachers' Understanding of Urban	To support ongoing interdisciplinary research with preservice and inservice teachers, uiCLAD is seeking resources to augment access to technology tools. Students and faculty are exploring Internet conversations in Literacy, the Arts, and Digital Media in urban settings. The resulting products are communicated through various multi-media formats—podcasts, vlogs, videocasts—that focus on creative, interdisciplinary approaches to teaching. Students' flexible access to resources for capturing and processing audio and video is a critical element to the success of the project.	299, 800

**Georgia State University**  
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2.2.9	COE	2	1	Kinesiology and Health	Discipline-Specific Software for Kinesiology	This proposal seeks to purchase new and upgrade discipline-specific instructional software purchased with a previous Technology Fee Grant. This software would be installed on student accessible computers in Arena G15, G18, 101/102, 135, and COE 116 and Instructional Technology Center. Some of the software is a licensed network version while some is installed on individual workstations. The proposal also seeks to replace 6 instructional computers in the Department of Kinesiology and Health that are out of warranty, approaching obsolescence, and do not meet recommended technical specifications for the next generation operating system, Microsoft Vista. The computers being replaced were purchased with previous Technology Fee Grant funds and are used to enhance instruction in Kinesiology courses and laboratory instructional activities.	\$18,900
2.2.10	COE	2	2	Middle Secondary Education and Instructional Technology (MSIT)	Teacher Reflective and Inquiry Practice through Digital Media (TRIP)	This proposal aims to enhance the in-school practicum experiences of preservice science teachers through the use of digital media for reflective and inquiry teaching practices. Viewing and sharing video recordings and photographs of their teaching, allows preservice science teachers and their peers and mentors to critically examine teaching events as part of their reflective practice. Funding of the proposal will enable us to provide greater structured opportunities for science teachers' reflective and inquiry practices incorporating digital media technology including blogs, discussion boards, video and audio recordings, and photographs.	\$13,634
2.2.11	COE	2	3	Middle Secondary Education and Instructional Technology (MSIT)	Interactive white boards as an adjunct for teaching and learning in the College of Education and the Department of Middle-Secondary Education and Instructional Technology	The aim of this proposal is to enable graduate students in the Library Media Technology program and in the College of Education to use interactive white boards as a component of their learning experience.	\$8,958
2.2.12	COE	2	4	Middle Secondary Education and Instructional Technology (MSIT)	Learning in 3D Virtual Worlds	In order to effectively integrate Second Life into a variety of courses at GSU, students need access to state of the art digital media stations. We request funding for 46 laptop computers and 6 external hard drives. This equipment will afford both graduate undergraduate students enrolled in multiple sections of introductory Educational Technology courses at GSU the opportunity to experience part of their courses in Second Life. By checking these machines out to students over the course of a semester, we intend to provide equal opportunity for access to the virtual learning environments for all students.	\$67,447
2.2.13	COE	2	5	Middle Secondary Education and Instructional Technology (MSIT)	Using Video Conference Technology to Enhance Supervision of New Career and Technical Education Teachers	This proposal's goal is to enhance the working prototype of practicum teacher supervision for our Career and Technical Education alternative teacher certification program with the use of video conference technology. Our program serves a diverse group of students teaching in schools throughout the metro area and the state. Currently, field supervisors in our program conduct only 2-3 on-site classroom observations per student per semester. Video conference technology would enable field supervisors to conduct virtual online classroom observations in addition to on-site observations. Use of this technology would increase the number of classroom observations and promote flexibility in arranging these observations.	\$12,136
2.2.14	COE	2	6	Dept of Early Childhood Education	Using Video Technology to Improve the Practice of Developing Teachers	This technology grant is designed to incorporate video reflection and analysis by teacher candidates (i.e., GSU students) into the existing internship experiences of Early Childhood Education majors. Teacher candidates, their internship supervisors, and their course instructors will benefit directly from this grant.	\$233,575
2.2.15	COE	4	1	Deans Office	CoE Classroom Video Capture to iTunesU/PodCast/Flash	<Proposal Incomplete>	

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2.2.16	COE	4	2	Middle Secondary Education and Instructional Technology (MSIT)	Understanding	Withdrawn	
<b>COE Total:</b>							<b>\$813,248</b>
2.3.1	A & S	1	1	School of Art and Design	ARTstor Image Database Subscription Renewal	This proposal seeks funding to renew the GSU annual subscription to the ARTstor Image Database, an on-line database of art and historical images with related scholarly data, designed to serve the needs of university students and teachers in a wide range of disciplines. Subscribers access the database through a web browser. Students and faculty can access the database from on campus, or from off-campus through the library proxy server. Faculty can use images from the database in courseware such as Vista, and create their own collections for class use. Faculty have set up numerous course folders containing images from ARTstor that are used in courses.	\$13,393
2.3.2	A & S	1	2	Mathematics and Statistics	Software maintenance renewals	The project requires funding to purchase continued software renewals.	\$10,312
2.3.3	A & S	1	3	Psychology	Continued Enhancement of Psychology Department Instructional Technologies	We will augment the number and capabilities of computer systems used in departmental instructional areas, and provide recording devices, digitizing and editing tools, software, and support resources to help instructors maximize the technologies already provided for instruction. We propose to designate a graduate assistant each year as instructional technology assistant who will assist new instructors (faculty, visiting lecturers, GTAs) with building effective uLearn sites, powerpoint materials, and other instructional-technology resources (e.g., podcasts, e-activities), and would also assist experienced instructors and liaise with IS&T support staff and the undergraduate program committee to facilitate training, problem-solving, and brainstorming.	\$165,645
2.3.4	A & S	1	4	Biology	Enhancing Instruction in Biology Through Technology	This proposal will provide nearly 7,500 graduate and undergraduate students per year enrolling in Biology courses with up-to-date technology for enhancing their learning experience. We are requesting memory upgrades for the laptop computers in instructional labs, digital cameras for documenting laboratory experiments, and digital microscopes and gel documentation systems for laboratory courses. Two digital scanning spectrophotometers are requested for molecular biology laboratories. Support is requested to upgrade and maintain instructional software licenses, to increase the number of heavily-used Bio-Pacs in anatomy and physiology laboratories and to obtain digital projectors for instructional laboratories in the new Petit Science Building.	\$302,072
2.3.5	A & S	1	5	English	Maintaining and Updating Technology for English classes and GTAs	The department is asking for new computers for our GTAs, updated software for our UL 302 classroom, new technology for GCB 904 and technology to help the Writing Studio better do its job. We are requesting software updates for UL 302 that would replace packages that are three versions old and outdated for today's learning environment. Increasing technology for the Writing Studio will help students across all disciplines in the university, particularly with regard to improving the Regents writing exam scores, with which the Writing Studio has been charged.	\$37,780
2.3.6	A & S	1	6	School of Art and Design	Internet Access for the Edgewood Sculpture Studio	This proposal seeks to add Internet capabilities to the Edgewood Sculpture Studio.	\$14,431
2.3.7	A & S	1	7	Music	RECTAL HALL STUDENT PRACTICUMS PRODUCTION EQUIPMENT	In order to accommodate the diverse required needs of the student body, the School of Music seeks to install acoustic baffling and new professional lighting along with related ancillary equipment as well as purchase new computers for critical audio recording and post production needs.	\$227,582

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2.3.8	A & S	1	8	Communication	Technology Refresh for Digital Video Editing Labs	This proposal aims to update three labs in the Department of Communication that exceed the university's standard for obsolescence and address the manufacturer's discontinuation of support on lab equipment. The targeted labs include GCB 119 and GCB 109 (undergraduate multimedia/video editing labs for journalism and film/video majors last updated in 2003/2005 respectively), and OPP 200 (a multimedia/video editing lab, last upgraded in 2001 by the Georgia Research Alliance for students in Communication and Art & Design). The goal is to upgrade the computers, projection systems, discipline specific software, and production equipment for course assignment to reduce ongoing instructional issues.	\$249,793
2.3.9	A & S	1	9	Chemistry	Improvements to Medical Pre-Professional Teaching Laboratories	The main objective of this proposal is to fund 12 new computer-controlled spectrometers and two printers for Chem 1151K, Chem 1152K and Chem 2010. Other areas include replacing non-working computer-controlled titration workstations purchased with FY 2003 funds, replacing expired software licenses purchased with FY2006 funds, and funding two scientific instruments, computers and printers for Chem 4010/6010 and Chem 4015/6015.	\$247,362
2.3.10	A & S	1	10	School of Art and Design	Creating a Digital Studio Classroom for Graphic Design	Digital production is essential to contemporary graphic design practice and education. The current Creative Media Center digital lab supporting the graphic design program has effectively met the instructional and open lab access requirements of the program since 2003, however current student access demands have exceeded CMC capacity. This proposal seeks to provide industry standard hardware and software to convert an adjacent studio into a functioning digital classroom/lab through the provision of the following: iMac workstations; expanded licensing of current software titles utilized by undergraduate and graduate Graphic Design majors as well the up and coming undeclared art majors who intend to apply to major in graphic design; university standard AV systems including a digital projector, automated video screen and stereo audio speakers; and necessary support furniture to support this new function.	\$169,314
2.3.11	A & S	1	11	Sociology	Sociology Computer Lab Replacement	This proposal is for replacement equipment that has become obsolete and requires continued maintenance. Thus, the machines are no longer efficient for student use. Replacing the equipment will also bring the lab to current University Standards.	\$13,020
2.3.12	A & S	1	12	Physics and Astronomy	Introductory Physics Laboratories: Teaching Science & Technology 222 NSC	This proposal requests 12 computers for use by students in both two semester introductory physics sequences, Phys1111K/1112K and Phys2211K/2212K. Students will use these computers for data analysis and preparation of graphs and figures to report the results. The use of computers in these courses is critical for achieving two of the university's General Education Learning Outcomes, critical thinking and use of technology. These computers will be used by about 250 students per semester by students majoring in physics, chemistry, computer science, and biology and by students in other majors taking physics to fulfill their lab science requirement.	\$12,696
2.3.13	A & S	1	13	Physics and Astronomy	Introductory Physics Laboratories: Teaching Science & Technology 222 NSC	This proposal requests 8 computers for use by students in both two semester introductory physics sequences, Phys1111K/1112K and Phys2211K/2212K. Students will use these computers for data analysis and preparation of graphs and figures to report the results. The use of computers in these courses is critical for achieving two of the university's General Education Learning Outcomes, critical thinking and use of technology. These computers will be used by about 275 students per semester by students majoring in physics, chemistry, computer science, and biology and by students in other majors taking physics to fulfill their lab science requirement	\$8,464

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2.3.14	A & S	1	14	School of Art and Design	Creative Media Center Hardware and Software Upgrades	This funding requested is for upgrades to the Macintosh Operating Systems, AV systems, software, and the addition of a mid-size printer. These upgrades will enhance the function and speed of the CMC's Intel processor-based Macintoshes and support the ongoing inclusion of video and sound media into Art & Design's curriculum. The goal of the proposal is to enable the CMC to better serve the school's evolving academic programs and to aid students as they adopt and/or adapt multimedia, video and sound art methodologies.	\$77,566
2.3.15	A & S	1	15	Mathematics and Statistics	Upgrades in the MILE	The funding of this project will provide a server and an audio system for the Math Interactive Lab in 301 UL.	\$25,000
2.3.16	A & S	1	16	Physics and Astronomy	Astronomical Image Processing Lab, 515 Kell	The 18 computers in this proposal will be placed in our two introductory astronomy lab rooms, 528 and 516 Kell Hall, to replace older computers in these two rooms. Modern astronomy is a highly technical field that uses computer operated telescopes and data acquisition systems. So that students can experience how astronomers perform the science of astronomy computer simulations are necessary component of an astronomy laboratory.	\$19,044
2.3.17	A & S	1	17	Dean's Office	Maintaining Software and equipment contracts	The department is asking for funds to keep the software maintenance contracts current for the GCB 505 Humanities Graduate Lab. The current software maintenance contracts are very favorable to GSU and would cost many times more if the contract was lost; new guidelines have been implemented by many of the software vendors.	\$15,832
2.3.18	A & S	1	18	Geosciences	Technologies for the Geosciences	This proposal seeks funding to improve and support technologies for both undergraduate and graduate instruction and research in the Geosciences through: 1) acquisition of new software, Geochemists Workbench for instructional support, 2) funding for renewing licenses currently being supported by the Department (Leica GHEAK), and 3) funding to purchase equipments (Servers ,Computers, Brunton Compasses and Sympodium). The acquisition of these renewed licenses, software, and hardware will strengthen instruction and student research in geospatial studies and geological mapping in the Geosciences. These requests for licenses, software and hardware are necessary to provide up-to-date instruction, and support student and faculty research activities in the Geosciences.	\$43,880
2.3.19	A & S	1	19	Ernest G. Welch School of Art and Design	Digital Equipment for Art Education	Our Art Education program is committed to providing students with the tools to be successful teachers in the 21st century. A working knowledge of classroom technology and teaching strategies is a basic part of that preparation. Our program must provide access to and training in those very technologies. The digital cameras and high-definition animation handy camcorders we request are common in public school art classrooms. Giving our student art teachers knowledge, skill and experience in the use and application of these tools is important as we prepare them to excel in the 21st century K-12 classroom.	\$6,450
2.3.20	A & S	1	20	School of Art and Design	Digital Equipment for Photography	Digital photographic processes are essential components of the curriculum in contemporary Photography programs. The School's photography program is deficient in the equipment needed to stay current with digital trends. Consequently, our ability to compete with comparable photo programs has diminished. Last year we received funds for a new digital enlarger and printer. This new proposal outlines hardware, software and lighting equipment required to further enhance digital photo production into our curriculum including: 15 digital cameras and accessories, a Color Analyzer, and three sets of studio lights.	\$38,215

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2.3.21	A & S	1	21	Neuroscience	Presentation Preparation Core for Neuroscience Students	Scientific training for graduate students and undergraduates extends beyond the formal classroom setting to experience in professional activities important for future success. For neuroscience students, this includes training and support for their ability to prepare and present scientific data in poster form and other presentation formats at scientific meetings, workshops, and advanced courses in their field. The requested equipment will form a Presentation Preparation Core facility to train students in the design and production of poster and other presentation formats and allow them to produce such presentations for their external presentations and classes.	\$48,016
2.3.22	A & S	1	22	Mathematics and Statistics	Mobile Lab Upgrade	We would like to replace the obsolete tablets in our mobile lab which is housed in Kell 120.	\$99,200
2.3.23	A & S	1	23	School of Art and Design	Drawing, Painting, and Printmaking Technology Request	Contemporary art practices are increasingly technology driven and multi-media in nature. Currently on the national and international levels audio and digital technologies are being absorbed into and/or adopted by the visual arts. This proposal seeks funds to add digital production tools to the Mac Lab in AH 211 including a speaker system and audio production software. It also requests the addition of specialized printers capable of producing over sized images on archival papers suitable for studio manipulation. These printers will be housed in AH 539, a Seminar Room/Office dedicated to Drawing, Painting, and Printmaking. The array requested will be used by students at every level and will allow us to remain competitive.	\$31,561
2.3.24	A & S	1	24	Physics and Astronomy	Computation and Advanced Physics Lab	The 8 computers and projector in this proposal will be used by students for demanding computational experiments, data analysis, simulations, and preparation of laboratory reports in Phys3300, Advanced Physics Laboratory, and Phys4900, Research Project. These courses are new 3-credit-hour courses being taught for the first time in Fall 2009 and were designed as the two CTW courses in the B.S. in Physics program and is required for all physics majors. These courses are critical parts of the program and are where physics majors learn vital laboratory and research skills.	\$17,592
2.3.25	A & S	1	25	Applied Linguistics and ESL	Applied Linguistics Technology and Corpus Laboratory	This proposal seeks funding to establish the Applied Linguistics Technology and Corpus Laboratory to be housed at the Department of Applied Linguistics and ESL, 12th Floor, 34 Peachtree Street. The laboratory will be an upgrade of what we currently have and will be composed of 3 new and 6 existing networked desktop personal computers and one laptop all with internet connectivity and access to computer software/programs, a collection of corpora, and equipment (e.g., video camera, video/audio editing tools) that will be used in the teaching of technology and media utilized in ESL/EFL settings, and research in corpus-based technology in applied linguistics.	\$23,308
2.3.26	A & S	1	26	Physics and Astronomy	Astronomy Computer Lab	We propose to construct an astronomical image processing laboratory in 515 Kell Hall. This lab will be used for astronomical research being conducted by undergraduate and graduate students in the Department of Physics and Astronomy. A total of 10 LINUX computers will be needed.	\$16,990
2.3.27	A & S	1	27	School of Art and Design	Digital Technology for the Textile Program	In order to prepare our students to compete on the professional level in a textile industry increasingly reliant on digital technologies, we must provide them with experience and expertise using these industry standard digital tools. Building on last year's grant, this proposal outlines additional production software and output tools still required to incorporate digital technologies into our textiles program. Specifically this proposal requests: 1 Epson GT-30000N Scanner; 1 Epson Stylus Pro Inkjet Printer 7880 for printing on polyester; AV Presentation equipment; 1 Dell PC per University Specification; Activation fee for 13 existing drops in Textile Classroom/Lab.	\$32,613



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2.3.28	A & S	1	28	School of Art and Design	Digital Technologies for Interior Design	Digital production is essential to contemporary interior design practice and education. The current IDEAS digital lab supporting the interior design program has effectively met the instructional and open lab access requirements of the program since 2006, however current student access demands have exceeded lab capacity. This proposal seeks to provide industry standard hardware and software to convert an adjacent studio into a functioning digital classroom/lab through the provision of the following: iMac workstations; expanded licensing of current software titles utilized by ID majors; projection screens and university standard AV control systems for two classrooms and the IDEAS Lab; and funding for Graduate Lab Assistants and outside technical support for IDEAS Lab maintenance.	\$99,689
2.3.29	A & S	1	29	Mathematics and Statistics	Math support for Georgia onMyline	This projects funding will support the faculty who are creating and teaching the Georgia OnMyline (online) courses. It will provide the equipment and software for 5 faculty members who teach using this vehicle.	\$10,975
2.3.30	A & S	1	30	Modern and Classical Languages	MCL International and Internship Mobile Technologies	This proposal is for 80 Acer Aspire One notebook computers for use in Study Abroad and other off-campus learning experiences. For study abroad students and student-teachers in the pre-service teacher program, these devices would make possible (1) simplified distribution and access to language and cultural materials to assist study abroad participants, (2) communication between participants and students on campus establishing a social network and community of learners, (3) blogging of study abroad experiences by participants in order to share and archive their experiences with students who are not currently participating in programs, (4) communication between participants and faculty and support units on campus to provide mentorship and assistance at a distance, (5) provide a technological aid to reflection and documentation of the experience, create technology enabled activities to widen cultural exploration and discovery for students both on the programs and at the GSU campus. (6) They also would allow for access to uLearn. eLuminate, GoSolar and campus email while engaged in off-campus learning experiences.	\$25,200
2.3.31	A & S	1	31	CER	Clay Recycling Initiative	Clay Recycling Initiative for Ceramic Program. These funds will provide for the purchase and installation of a modern, high capacity clay mixing system to be used by the ceramics department. Impact will be beneficial to the University, the faculty, the students and to the budgets and environment. Current clay scraps accumulate in our very limited sized classroom because they cannot be processed using the current equipment. This impacts our space that is available. The removal of the clay waste is expensive and costs the university to remove as it is considered "toxic waste" and must be handled and paid for as such. The material is in fact perfectly useable and a technologically up to date high capacity mixer would allow for the reprocessing of clay waste, a more efficient use of our classroom space, a valuable learning experience for our students, reduce our environmental impact by more efficiently utilizing these natural resources instead of throwing them away, and provide cost savings to our students by making the recycled clay available to them for use in our classes as a rate that would be far less than purchasing manufactured clay products.	\$5,985
2.3.32	A & S	1	32	Physics and Astronomy	Astronomical Image Processing Laboratory	<Withdrawn/Duplicate>	
<b>Arts &amp; Sciences Total:</b>							<b>\$2,108,979</b>

**Georgia State University**  
**FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
2.4.1	CHHS	1	1	Office of the Dean	Desktop and Notebook Computers for New CHHS Teaching Labs Located in the Science Technology Bldg	The Science Teaching Laboratory Building will come online in late April of 2010. The College of Health and Human Sciences will add approximately 23,500 square feet of new teaching lab space in this building. This space will provide teaching labs for the following programs; nursing, public health, respiratory therapy and physical therapy. This proposal will fund the purchase of 53 desktop computers and 10 notebook computers to equip these labs and assigned offices. If this proposal is funded, the college plans to order the Dell computers in late December 2009 and arrange for a delivery date in early May 2010. Please note this proposal does not include computers for the Nursing new general teaching lab that is also located in the new building. A separate proposal submitted by the School of Nursing is being submitted for computer equipment for use in that lab.	\$105,157
2.4.2	CHHS	1	2	School of Nursing	Replace/Upgrade Equipment in the Nursing Skills/Simulation Lab	The Byrdine F. Lewis School of Nursing, over the past two years, has increased enrollment in undergraduate program by 29%. In spring 2010, the new Science Teaching Lab Building will be brought online providing nursing with 5,709 square feet of space dedicated to nursing clinical education. Included in this space is a new 1,707 square feet clinical skills simulation lab and four small (< 100sf) clinical examination simulation labs. This proposal provided the needed core equipment for the labs including six computerized hospital beds for the skills lab; four electronic exam tables; and 20 notebook computer for use as bedside computers. This will ensure nursing students are well trained using the latest technology used in healthcare settings. In addition, this proposal will provide funds to purchase another computerized hospital bed for use in the current skills lab in Kell Hall; as well as provide five small desk top computers for use in the lab. The new space in the Science Teaching Lab Building, along with the continued use of nursing teaching labs located in Kell Hall (approximately 2,650 square feet) will provide sufficient space for the needs of the nursing students. Please note the will order the equipment identified the Science Teaching Lab Building in December of 2009 with a	\$150,220
2.4.3	CHHS	1	3	Respiratory Therapy	Computerized High Frequency Oscillation Ventilator for Student Clinical Training	The High Frequency Computerized Oscillatory Ventilator (HFOV) is a life support system for pediatric and adult patients. This device will provide respiratory therapy students hands-on experience in a laboratory environment. This piece of equipment will allow the student to practice and gain confidence prior to attending the adult and pediatric intensive care rotation. The HFOV will compliment the other mechanical ventilators that are in the laboratory and provide a seamless transition from adult to pediatric mechanical ventilation	\$23,950
2.4.4	CHHS	1	4	School of Nursing	Instructional Technology Equipment for Nursing Students for Use in Kell Hall Skills Lab and the New Skills Lab in the Science/Teaching Lab Bldg	The proposal will provide funding for the School of Nursing to replace/upgrade and increase the number of computers needed for student computerized testing. The school does not have adequate space in the nursing skills lab to house enough computers to adequately provide computerized testing for its students. This proposal would fund the purchase of notebook computers with wireless capability for students to use for this purpose. These notebook computers will be used in the large teaching lab in Kell Hall that has a capacity of approximately 60. When the new Science Teaching Lab Building is brought online in April 2010, these notebook computers will be moved to the School of Nursing's general instructional lab. This equipment will greatly enhance nursing education at Georgia State by providing a central location for computerized testing as well as enhancing instruction through the use of nursing specific software and/or online learning experiences. Increased computerized testing has been linked to improved scores on the National Registered Nurse Licensure Examination.	\$143,442

**Georgia State University**  
**FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
2.4.5	CHHS	2	1	School of Health Professions	Resusci Anne Simulator with Computer Skills Reporting System	Cardiopulmonary resuscitation, or CPR, is an emergency procedure performed on people suffering cardiac arrest. The purpose of CPR is to provide a continuous flow of oxygen to the lungs and brain until the person regains consciousness. By performing CPR on a victim, properly and in a timely manner it can save lives. AED are devices that are now everywhere, in airports, malls, sports centers etc. Training students in the use of these devices may very well save someone's life. The AED Resusci Anne Skill reporter is a high tech manikin that would be used for skill instruction in Cardiopulmonary Resuscitation (CPR) classes. This manikin is the latest technology for the instruction of CPR that will provide hands on and realistic experience and feed back while performing CPR and Automatic External Defibrillation (AED) for students here at Georgia State University. Getting feedback and realistic training will produce more confident students in emergency situations when they are faced with them	\$31,440
2.4.6	CHHS	2	2	Institute of Public Health	iTunes and iPH	By nature, public health supports building relationships between expert lecturers in myriad fields, graduate students and the community. The goal of this proposal is to scaffold these relationships via technologies that reflect 21st century communication. Specifically, we seek 1) to capture and preserve expert lectures; and 2) to promote student use of technologies to explore communication of public health concepts and preventive health solutions to improve community health. Equipment with sophisticated recording and editing capabilities will enable maximum flexibility to virtually attend and to re-purpose lecture materials as well as support student health outreach projects via podcasts and videocasts	\$13,800
2.4.7	CHHS	2	3	School of Nursing	Technology Enhanced Learning for Nursing Graduate Students	Delivery of healthcare services in the United States is becoming more challenging as complexity within the health care system intensifies and the demand for services escalates. Innovative nurse leaders with expertise in nursing administration and technology/informatics are needed to improve the delivery of services and assure quality of care. Nursing has been a leader in developing innovation methods of improving patient care using the latest computer technology. To meet this need, the Byrdine F. Lewis School of Nursing will begin offering in fall 2009, the Nursing Leadership in Healthcare Innovations Master's of Science in nursing program. This new master's tract will focus on: • Leadership preparation in innovations development • Concentrations in nursing informatics or nursing administration • Thirty-six (36) credit hours • Web-facilitated format with onsite (4 times per semester) and online classes	\$38,398
2.4.8	CHHS	2	4	Respiratory Therapy	Computer Controlled Simulated Patient for Airway Management Training - Respiratory Therapy Students	The Respiritrainer Complete from Ingmar Medical includes a PDA-based performance feedback system that will not only allow students the opportunity to learn effective bag/mask ventilation under a variety of lung conditions, but will also allow faculty to gauge the student's ability to effectively ventilate patients using such objective data as peak inspiratory pressure and tidal volume.	\$32,232
2.4.9	CHHS	3	1	Physical Therapy	Creating A Virtual Library of Clinical Skills and Practices	This proposal, "Creating a Virtual Library of Clinical Skills and Practices for Students in the School of Health Professions," will address an unmet need in the education of students in the clinical disciplines. We propose to capitalize on previously-funded tech fee equipment in the clinical labs by hiring a temporary IT person, as allowed in the Tech Fee guidelines, #6, with a clinical background to record and catalog instructor-guided clinical skills and practices. This addition to teaching would provide students enhanced access to clinical instruction and maximize their learning through their unlimited access to web-based or pod-casted video-clips of these critical aspects of patient care.	\$50,720
2.4.10	CHHS	3	2	Social Work	Construction of Hybrid Courses	<ATTACHMENT>	\$5,600

**Georgia State University  
FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
<b>CHHS Total:</b>							<b>\$594,959</b>
2.5.1	COL	1	1	Information Technology	Student Meeting Room Technology	Short throw LCD projectors will be installed in group study rooms allowing students to work collaboratively by connecting their laptops or other computing devices.	\$61,290
2.5.2	COL	1	2	Law Library	Law Library Radio Frequency Identification System Installation	The proposed project would install radio frequency identification (RFID) technology in the Law Library. The implementation of this technology will increase the availability of library materials to students, install a self-check out station in the library, and streamline circulation and shelf-reading processes. By making it easier to locate a particular book in the library's collection and then check that book out, RFID technology will allow students to more effectively find the research materials they require to meet their educational objectives. <ATTACHMENT>	\$195,161
2.5.3	COL	1	3	Information Technology	Student Organization Central Document Resource	Networked and community document management solutions for law student organizations including copier-scanner-fax, high-capacity printers, and PantherPrint release station.	\$16,865
2.5.4	COL	1	4	Information Technology	Student Organization Web Sites & CMS Solution	Law student organization websites content management system solution.	\$25,000
<b>COL Total:</b>							<b>\$298,316</b>
2.6.1	AYSPS	1	1	System Support	Graduate Student Computing	The Andrew Young School provides assigned seating for all Phd students. These students use "hand me down" workstations and have difficulty working with larger data sets and newer, sophisticated software packages. This funding would improve the student experience and much improve their efficiency.	\$92,300
<b>AYSPS Total:</b>							<b>\$92,300</b>
1.1.1	IS&T	1	1	Technology Infrastructure	Wireless Maintenance	Pre-Funded	
<b>IS&amp;T Technology Infrastructure Total:</b>							<b>\$0</b>
1.2.1	Student Services	1	1	Counseling & Testing Center	Support for Critical Data Management for Student Data	The Counseling Centers specialized clinical database (Titanium Schedule) is critical in the training of our graduate psychology students. This database allows graduate students to learn clinical database systems which are becoming the norm for psychology settings, including counseling centers, hospitals, mental health centers, and even some private practices. In addition, the system helps in training the psychology and counseling graduate students in writing appropriate case notes, initial assessments and terminations by providing a system that helps the supervisor track the notes and provide feedback that can improve the students writing and documentation skills.	\$4,950
<b>Student Services Total:</b>							<b>\$4,950</b>
1.3.1	IS&T	1	1	UATS	Virtual Computer Lab	GSU has been exploring the concept of providing access to virtual machines that are flexible enough to run multiple operating systems to provide students with access to software that is prohibitive in price or requires very high-end computers to run. The virtual lab can also provide access to specialized lab software that currently has limited hours for access, i.e. labs that are not open 24/7/365 can be emulated to allow students access from home. The concept was coordinated with faculty from the CoB and vetted to campus constituents, including a working group of instructional technologist from across campus.	\$275,000

**Georgia State University**  
**FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
1.3.2	IS&T	1	2	UATS	Resource Booking System	This system is designed to support university resource booking and management. It is a web based hosted system that allows end-users to search for items to reserve or checkout. It has a spread-sheet look and feel that makes it easy to search for items and see what is available. Resource managers, defined as either individuals or teams, can be made responsible for specific resources. This allows a single package to be used across the university for similar function but give the resource owners the granularity needed to manage the resource properly.	\$35,771
1.3.3	IS&T	1	3	UATS	UATS Student Training Computers	UATS uses the computer lab in CS403 to teach students a diverse range of software, online services, and multimedia tools. This proposal requests funding to replace the obsolete PC's in CS403 with new Apple iMacs that can run both Apple OS and Windows OS. This will improve the learning experience of the students, and it will allow UATS to expand the use of the room to include graphic design, web design, audio production and video editing workshops.	\$61,020
1.3.4	IS&T	1	4	UATS	Digital Aquarium Operating Expenses	Pre-Funded	
1.3.5	IS&T	1	5	UATS	Virtual Classroom/Web Collaboration Tool Renewal	This is a renewal for the virtual classroom project, which is a highly requested technology at Georgia State. An unlimited number of students and instructors may simultaneously use a virtual classroom/web collaboration tool. The virtual classroom provides a place on the Web where people can meet to share content/documents, presentations and applications real-time in a seamless environment with integrated audio, voice and video. It can be used to make any classroom virtual by bringing in students who can't be physically present as well as those in the classroom or to conduct a course online synchronously. Other uses include bringing in guest speakers to enrich a course, student study groups, collaborative work, etc. Sessions can be archived for viewing later on the Web.	\$99,000
1.3.6	IS&T	2	1	UATS	Digital Aquarium Software and Supplies	The Digital Aquarium, Georgia State University's innovative, open access, multimedia laboratory is a huge success for the Student Technology Fee. This proposal would expand the successful equipment checkout program of the Digital Aquarium by adding more multimedia resources for students. All of these resources will be available to all Georgia State University students, at no charge. This proposal also includes software upgrades and audio supplies to expand the audio production resources available to all students.	\$79,655
1.3.7	IS&T	2	2	UATS	eTraining Renewal (Web-based Technology Training)	The renewal of the eTraining project provides Georgia State students with quality computer training in over 400 titles via the Internet and fits students' schedules by being available anytime/anywhere that students have access to the web. Since it went into production over seven years ago, approximately 20,000 students, faculty and staff have used eTraining. eTraining gives students the opportunity to take training courses as often as necessary. Students can even download eTraining to their laptops, brush up on old skills, learn new ones, or move to more advanced levels. This proposal will allow us to renew the license with ElementK and for support of the product. View the product at <a href="http://www.gsu.edu/etraining">http://www.gsu.edu/etraining</a>	\$138,000
1.3.8	IS&T	3	1	UATS	Digital Aquarium Network Upgrades	Pre-Funded	
<b>IS&amp;T UETS Total:</b>							<b>\$688,446</b>
1.4.1	Pullen Library	1	1	University Library	Replacement of obsolete computer equipment	This proposal intends to replace out of warranty student workstations and laptops in the Library in order to provide reliable hardware to minimize student work delays, and to provide hardware that can handle complex software applications and improved performance. Replacing this equipment will allow the Library to ensure that students have up-to-date, functional technology at their disposal.	\$56,816

**Georgia State University**  
**FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
1.4.2	Pullen Library	1	2	University Library	Additional Laptops for Student Use	The project is to purchase additional laptops for the library to check out to students, enabling more students to connect to the campus network and use productivity software.	\$30,220
1.4.3	Pullen Library	1	3	University Library	Renew Endnote Campus Wide Site License	Continue to make the Endnote bibliographic management software available for download or on campus-reproduced CDs to all students, faculty, and staff, for both on-campus and home use.	\$16,200
1.4.4	Pullen Library	1	4	University Library	Library Classroom Enhancements	This proposal seeks funding to provide selected classroom technologies for the library's two classrooms. The implementation of a classroom performance "clickers" system would increase the interactive learning aspects of library instruction sessions; an amplification system would remedy sound issues in the larger library classroom (N170); the addition of a document camera would allow librarians to project images of non-digital resources and materials during library sessions; and the addition of a Wacom tablet would allow librarians and students to more easily create visual representations of ideas generated during instruction sessions.	\$24,060
1.4.5	Pullen Library	2	1	University Library	Online archive of the Signal	This proposal seeks funding to digitize and provide WWW-based access to the student newspaper, the Signal. Students and other researchers will have access to digital images and text (OCR) through a Google search or a university full-text site search using Keyword. The digital content will be stored in CONTENTdm, structured to give access either by date of publication or Keyword search results. Copying and printing is available for the PDF images but not for the OCR texts. Funds will be used to purchase an overhead scanning station and to employ student workers to scan the newspaper, create PDFs, OCR the PDFs, and store the PDF and OCR in CONTENTdm.	\$56,851
1.4.6	Pullen Library	2	2	University Library	Presentation Practice Rooms	This proposal seeks to turn two group study rooms into presentation practice rooms equipped with projectors and digital video cameras. This will give students an opportunity to practice their class presentations and record them for later playback and analysis. A student or group of students (maximum of 6) can use the rooms to rehearse a speech, fine tune a presentation, review a power point slide show, and prepare a proposal for an internship or job interview in a conference setting. The Presentation Practice Rooms are currently equipped with a conference table and chairs so students can collaborate on group presentations or speeches.	\$16,480
<b>Pullen Library Total:</b>							<b>\$200,627</b>
1.5.1	IS&T	1	1	P&SI	Student Academic Technology Improvements	The purpose of this proposal is to seek funding to replace obsolete and out-of-warranty equipment installed in our open-access classroom environments, managed by the Workplace Technology Services group.	\$638,400
1.5.2	IS&T	1	2	P&SI	Enterprise Wide Software License Renewal	This proposal seeks funding to renew campus license agreements for Mathematica, Cyberlink Power DVD, SAS, SPSS, Faronics DeepFreeze and Universal Imaging Utility.	\$90,479
1.5.3	IS&T	1	3	P&SI	Classroom Video Recording Technology	To initiate a pilot study, in conjunction with the ITSSS (Information Technology Support and Security Subcommittee) selection committee, to research classroom recording technologies as presented by external vendors. The selection committee comprises of Faculty, IS&T, and Campus Technology representatives from academic and administrative units. The funding will allow the initial procurement and implementation for the selected vendor solution	\$250,000
1.5.4	IS&T	1	4	P&SI	Replace out of warranty Macs in AM200	This tech fee is to replace 15 PowerMacs in AM200 and to expand the number of Apple workstations from 15 to 30. Additionally it requests funding for software upgrades for all open lab Apple computers, as well as funding for security brackets for the 30 new iMacs.	\$67,798

**Georgia State University**  
**FY 2010 Student Technology Fee Proposals**

Request #	Major Unit	Group	Rank	Dept	Title	Project Description	FY2010 Requested
1.5.5	IS&T	2	1	P&SI	Alpharetta Lab And Classroom Upgrades and Enhancements	The goal of this proposal is to add annotation screens to two large Alpharetta classrooms, add Macintosh equipment for the Alpharetta site, and replace out-of-warranty lab and classroom computers.	\$58,004
1.5.6	IS&T	2	2	P&SI	Brookhaven Lab & Classroom Upgrades	The goal of this proposal is to replace out-of-warranty projectors and computers at the Brookhaven Center.	\$171,294
1.5.7	IS&T	2	3	P&SI	Renewal of PantherPrint Student Print Environment	Pre-Funded	
1.5.8	IS&T	2	4	P&SI	Alpharetta & Satellite Campus - Continued Staffing and Alpharetta Supplies	Pre-Funded	
1.5.9	IS&T	2	5	P&SI	Alpharetta - Student Assistants - Continued Support	Pre-Funded	
<b>P&amp;SI Total:</b>							<b>\$1,275,975</b>
<b>TOTAL AMOUNT REQUESTED FOR FY 2010</b>							<b>\$6,611,208.59</b>