

**Reports of Planned and Incurred Expenditures on Instructional Technology for FY 2010-2011
(From Fall 2011 Instructional Technology Expenditures Survey)**

COLLEGE OF ARTS & SCIENCES	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$1,952,000
Expenditures Impact Statement	
<p>In general, the computer labs serve both undergraduate and graduate students. The undergraduate computer labs are open to all FSU students. The computers contain software that is generally discipline-specific. One of the uses of the teaching computer labs is to allow the instructors to train the students in use of the software. Students also use the computer labs as a general computing resource, including the ability to print their assignments, notes, etc. The tech fee budget has been a great help in keeping the equipment in the computer labs up and running and for paying for printing supplies. It has added new seats and new computers increasing the availability to students. It has allowed updates for course contents to match the fast evolving computer and network technologies increasing speed of processing and accessibility and increasing computational and graphical capabilities. It has improved the ability of students to master foreign language learning. It has allowed the purchasing of new software and software upgrades and increased the ability to deliver online material for the courses and to develop online version of the courses. In some cases, the software purchases have helped provide instructional assistance to faculty and students in other departments</p>	
New Initiatives Statement	
<p>Biology wants to purchase a new file server and backup equipment to provide undergraduate students with 40gb of server space per account. Computer Science wants to purchase new equipment and wireless upgrades to support four new courses, new HD camera systems for their Cybercrime Detection course, upgrades to their file and backup systems to give students more file space and better backup recovery options. They also want to upgrade their network switches and core network router and upgrade their old programming servers to give students a better programming learning environment. Chemistry wants to purchase animated software for their teaching lab. History wants funds to hire an IT person that works solely for the department. Modern Languages and Linguistics wants to upgrades their servers. Psychology want to enhance their eye-tracking technology for their cognitive psychology teaching labs. Several departments want to purchase new software and software upgrades.</p>	

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COLLEGE OF BUSINESS	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$759,639
Expenditures Impact Statement	
<p>Without the above instructional technology equipment we could not teach our 5400+ undergraduate majors and 500+ graduate students. Receiving the Student Technology Fee has helped the College address student technology needs in classrooms, some labs, and limited graduate offices. This has allowed valuable resources to be reallocated toward upkeep of faculty used machines and peripherals. Still there are areas needing improvement. Many of our faculty computers (almost all faculty in the college teach a minimum of 4 course sections per year, impacting hundreds of students) are more than four years old. The online masters program (300+ students) continues to grow and require ever increasing state of the art equipment. Our two College computer labs used for instruction also have very old computers and there are not enough computers for every student in the class. These are just a few of the technological challenges that the College of Business is currently facing.</p>	
New Initiatives Statement	
<p>The College continues the partnership with ITAPP. Through this partnership the technological resources of the College are continuing to be surveyed and analyzed. Areas selected for improvement in the near future are the graduate and undergraduate computer labs and a comprehensive faculty computer upgrade process. The Starry conference room is targeted for upgrades; this facility is used by student groups, the Dean's speaker series, the SunTrust speaker series, and other speaker series for the enrichment of students in the College of Business. The plans include enhancements to audio equipment, improving video to HD quality, and enabling video streaming over the Internet. Additionally, the college is participating in the implementation of the lecture capture system Tegrity. To fully utilize this product, the college plans to purchase the necessary equipment to upgrade existing classroom technology to record classroom lectures, which will enable students to view instructors from remote locations.</p>	

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COLLEGE OF COMMUNICATION & INFORMATION	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$729,600
Expenditures Impact Statement	
<u>Go to CCI Instructional Technology Projects Accomplished in FY 2010-2011</u>	
New Initiatives Statement	
<u>Go to CCI Instructional Technology Projects Planned for FY 2011-2012</u>	

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COLLEGE OF CRIMINOLOGY & CRIMINAL JUSTICE	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$46,896
Expenditures Impact Statement	
<p>All of the expenditures reported are funded by the College operating budget and carry forward. The College seeks to regularly replace and update instructional technology. It is critical to student's educational quality that our instructional technology meets university standards in order to facilitate instruction. For example, faculty use the computer AV system regularly to convey the critical and analytical thinking skills necessary to carry out timely research projects. Many of the graduate classes employ research methods and statistics application's where students complete in-class assignments that are facilitated through the use of the audio/video/media system.</p>	
New Initiatives Statement	
<p>The College regularly upgrades and replaces computers older than 5 years. However, recent university budget cuts limited our ability to replace old computers. The College plans to replace 20 computers used by students, faculty and staff that are 7 years or older. Additionally, the College plans to purchase several new computers with appropriate software for a new computer lab for undergraduates. The university budget cuts also impacted the College's ability to fund its only computer assistant from the regular operating budget. The computer assistant is critical to student's education by providing computer support & assistance, troubleshooting and training for students, faculty and staff. Federal stimulus funds allowed us to temporarily fund the computer assistant from the College operating budget however stimulus funds ran out in 2010-11. Beginning in 2011-12, the computer assistant is funded by the Student Technology Fee fund. It is critical that the College continue receiving annual student technology fee allocations in order to provide students computer assistance, support and equipment.</p>	

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COLLEGE OF EDUCATION	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$251,979
Expenditures Impact Statement	
<u>Go to College of Education Instructional Technology Inventory and Expenditures 2010-2011, Pages 12-19</u>	
New Initiatives Statement	
<u>Go to College of Education Instructional Technology Inventory and Expenditures 2010-2011, Pages 20-28</u>	

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COLLEGE OF ENGINEERING	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$647,658
Expenditures Impact Statement	
<p>Please note: This spreadsheet included funds managed at FAMU, as well as FSU. The FAMU funds are the base operating expenses of the College, as appropriated by the Legislature. Expenditures included herein funded through Technology Fee "lump sum" allocations, provided for classroom control and automation. Other expenditures, whether with funds held by FAMU or FSU, supported ongoing instructional expenses, such as computer upgrades, software license renewals, hardware replacements, etc. Simply put, these expenditures are essential to the instructional program of the College -- engineering students must utilize engineering applications to learn engineering and to practice engineering skills.</p>	
New Initiatives Statement	
<p>We have several potential areas of investigation for instructional technology improvement. (1) Enhance previously installed classroom control and automation systems, to add more features, add lighting controls, add "support hotline" capability, etc. -- providing an improved learning environment and ease of use for instructors. (2) Develop remote virtual lab support -- provides students (and faculty) greater access to necessary software, without growth in space dedicated to computers. (3) Investigate next-generation student printing solutions -- provides students with better solutions in support of instructional needs. (4) Investigate integration of Tegrity with our existing Distance Learning facilities / Provide "Capture Studio" for instructors -- improve quality and availability of instruction.</p>	

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COLLEGE OF HUMAN SCIENCES	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	
	\$245,413
Expenditures Impact Statement	
<p>Speaking directly to the use of the technology fees: The replacement of older/slower systems, upgrading of needed software and additional enhancements to student labs has greatly increased student confidence and reduced student frustration. Work can be performed and presented efficiently and effectively and with few issues. New machines are faster and more robust, capable of handling and processing large datasets as well as their daily work. Instructors can provide instruction with fewer technological worries because systems work together better. Older systems tended to drag and make student and instructor alike wait for long periods wasting valuable class time. Systems provided for via other funding sources have gone into projects such as our new Office Depot lab WJB 3032 and Our new CAD lab WJB 3007 and NEIL Lab WJB 3005. These are state of the art Labs and have greatly enhanced the learning experience for the students Installed systems include new Desktop computer systems capable of handling Computer aided design programs as well as being able to handle large Datasets in SPSS As a side note. Chs worked diligently with VR software and partnered with them. VR Software donated/gifted 100 licenses (valued at \$10,000 per license) to CHS. This Virtual retail software utilizes a sql server Database which housed on our server which is also End of life and due to be replaced or moved into the FSU virtual environment. Lectra Software was gifted as well (25 Licenses valued at over 2 million Dollars)</p>	
New Initiatives Statement	
<p>Currently our servers that house Student Data and programs are End of Life. These systems will be replaced with new servers or moved to the Universities Virtual Server system Initial and Annual fees will apply . Currently this will cost CHS \$2.99 per gigabyte and will include back up and recovery. At last check we were looking at 400Gb of data. These costs would be recurring each year. Many of our graduate student and Student TA's machines are older systems and are at the end of the typical lifecycle. These machines need to be replaced to provide for more reliable systems. 25 machines are currently EOL and need replacement within the next fiscal year. (these are systems that are "Row 8" Items) - All and all 3 servers are planned for migration to FSU Virtual servers, These servers house Faculty and Student data, webpages, sql databases and more. Annual fees expect to be in the neighborhood of \$6632.00 annually **TABLET LAPTOPS are utilized by Faculty teaching in other classrooms, Graduate and PhD Students giving dissertations and Defense presentations. These arer at EOL and will be replaced.</p>	

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INTERNATIONAL PROGRAMS	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$234,580
Expenditures Impact Statement	
<p>At the study centers, students and faculty utilize technology provided in computer labs, faculty offices and in classrooms, as well as wireless technology accessed via their personal computers. Much of the typical class-related provision is done through the central infrastructure, utilizing Blackboard. We also utilize classroom-based smartboard instructional technology. The overwhelming majority of our technology expenditures are funded through our operating budget. The exception has been the purchase of several smartboards, using Student Technology Fee allocations. The Panama campus assesses their own technology fee and is not included in this central process (and has not been since its inception).</p>	
New Initiatives Statement	
<p>We anticipate using any 2011-12 Student Technology Fee allocations to purchase additional smartboards. The use of smartboards allows students to approach their classroom-based learning in a manner that is similar to their experience on the Tallahassee campus. Likewise, it allows Tallahassee-based faculty who are visiting to deliver their course content using technology similar to the home campus. We will continue to use our operating budget to facilitate a four-year replacement cycle for student and faculty computers, and to purchase networking equipment, servers, and software as required.</p>	

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INFORMATION TECHNOLOGY SERVICES	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$5,070,037
Expenditures Impact Statement	
<p>The costs delineated in row 6 are the costs incurred in FY2011 in support of the 244 general-purpose Technology-Enhanced Classrooms directly supported by the Classroom Support Group of Information Technology Services. These classrooms are used by the majority of academic departments on campus. Because of the University's budget situation for the past several years, this cost does not completely reflect the costs of supporting these classrooms. There is approximately \$7.1M in installed equipment within these classrooms which requires replacement on a periodic basis. We estimate that 12% of the installed base of AV equipment and 20% of the installed base of computers needs to be allocated each year for equipment replacement, which totals approximately \$905K. A more realistic total operating budget would be approximately \$2.262M (which includes burdened salaries). The new equipment expenditures were for WES 1001 (RDA) and for the new classrooms in WJB.</p> <p>The costs delineated in row 7 of the Survey form are the costs associated with operating the 3 ITS public computer labs in Carothers, the Union, and Strozier Library. Because of the University's budget situation for the past several years, this cost does not completely reflect the costs of supporting these labs. In FY2011, the entire operation was funded by Federal Stimulus dollars, and in FY2012, the operation (with reduced staffing) is supported by a Student Technology Fee project allocation. A more realistic annual operating budget would be \$450K (which includes burdened salaries) and an annual equipment replacement allocation of \$80K. The new expenditures were for the computers in the WJB Learning Studios (G051 and G062).</p>	
New Initiatives Statement	
<p>We will be equipping 7 new classrooms in the Wellness Center prior to the start of Fall 2012. This will be funded by the FF&E budget for the building.</p>	

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COLLEGE OF LAW	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$1,322,445
Expenditures Impact Statement	
<p>Instructional technology expenditures at the College of Law during the 2010-2011 Fiscal Year had a positive impact on both the capability of instructors to practice innovative instructional techniques as well as the ability of students to access a wide variety of external resources. New videoconference and lecture capture technology in lecture hall 310, which was funded in part by a specific project but also supplemented by “lump sum” Technology Fee allocations, provided an ideal setting for interactive classroom activities such as our International Trade Simulation course, in which students from our law school participated in simulated real-time trade activities with students at the Shanghai Institute of Foreign Trade. On a smaller level, the videoconference technology in seminar room L307 provided opportunities for students to interact with practicing lawyers located in other cities. In addition, instructional technology purchased for the Research Center enabled the law school to debut a distance learning course. Students who were otherwise occupied with summer jobs or externships had the opportunity to enroll in an online Advanced Legal Research course while pursuing these other activities.</p>	
New Initiatives Statement	
<p>The College of Law intends to continue implementing cutting-edge instructional technology initiatives that provide our faculty and students with access to the latest innovations in legal and educational technology. We are currently expanding our videoconference and lecture capture technology to our new Advocacy Center facility so that the technology can be used for targeted purposes of the specialized programs that are housed there. Examples of this include electronic evidence display as well as recording and playback of trial practice activities in our new courtrooms, videoconference interactions with clients and witnesses in our live-client clinical program, and remote lectures by experts in specialized fields such as environmental law and business law. At the same time, our Research Center is planning additional computer labs in that facility, including virtual learning labs, for enhanced training in the latest techniques of online legal research. Apart from instructional technology directly related to coursework, we are installing videoconference technology in our Placement interview rooms so that students have the opportunity to be interviewed by potential employers via videoconference. Although our construction budget funded instructional technology for a few rooms in our new Advocacy Center facility, we are seeking additional resources to implement the remainder of our technology plan.</p>	

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COLLEGE OF MEDICINE	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$1,508,605
Expenditures Impact Statement	
<p>The College of Medicine medical student's education is at the main campus for the first two years and then at one of six regional campuses for the 3rd and 4th year. Further the education during the 3rd and 4th year is primarily in clinical settings such as a physician's office rather than in a traditional class room. The equipment and activities above must support this model. To do such the student's are issued a computer upon arrival on campus. That device becomes an integral part of their educational experience. In addition the above includes the costs of applications that permit the 3rd and 4th year student to record their clinical experiences, evaluate the clerkship faculty (the physician) and perform other tasks related to their education. In addition, video conferencing and other means of telecommunication are an essential part of ensuring that the educational experience across the regional campuses are comparable. A substantial portion of the software is for instructional design.</p>	
New Initiatives Statement	
<p>The major initiative is the upgrade of the video conferencing capabilities. This is funded out of reserves. None of the preliminary costs are reported above.</p>	

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COLLEGE OF MOTION PICTURE ARTS	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$898,720
Expenditures Impact Statement	
Process associated with the creation of these projects employs a variety of technologies, ranging from basic desktop hardware and software to complex digital production and post-production equipment.	
New Initiatives Statement	
Effectively use light, color, sound, form and texture to create dramatic narrative films.	

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COLLEGE OF MUSIC	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$144,564
Expenditures Impact Statement	
<p>Since the College of Music maintains in own classroom space, it falls to us to also maintain the smart classroom setups we have put in place over the years. In the years previous to this one we had more significant expenses since we were installing six new classroom last year. With much of the gear we had being new, and with the budgetary uncertainty, this year we did not spend as much as might be normally seen. It is my goal to spread out needed upgrades over the next few years to create a more reoccurring and manageable upgrade cycle. In addition to the classroom maintenance expenses, we also maintain a 30 seat computer lab, a piano teaching lab, and several studios. However, in addition to our classrooms, we also maintained with our regular purchases of software and hardware for our main computer lab. For network upgrades we setup new wireless hotspots (with ITS) for community areas for students as well as introducing wireless to our computer lab and five of our smart classrooms.</p>	
New Initiatives Statement	
<p>Ongoing Tech Fee Expenses - In addition to regular upgrades planned for many of our classroom setups this year, we are also expanding our offerings to include specialized setups for our several of our large rehearsal rooms that will include the ability to record and playback rehearsal for the benefit of the students. Additionally we are researching potential setups for digital signage outside of our performance halls to display live scheduling information and important alerts. Do to the age of our buildings an additional concern when doing these upgrades has been the cost of infrastructure changes needed to support the initiatives. For instance, new network runs and switches to support the new rehearsal room setups. Furthermore, where as in years past we had been funding most of classroom technology setups through our College of Music specific fee, this coming year, we are going to be spending down the money from the Student Fee by keeping our current classroom related systems ongoing as well. Of note are to ongoing projects that support to very specific programs. One is a post-production surround sound mixing studio for our Commercial Music program which began work in fiscal 2010-11 and is continueing in 2011-12. Its estimated cost is around \$20,000 and is support by a grant. The other was the establishment of a new ensemble within our ElectroAcoustics program the "Electronic Chamber Orchestra (ECHO)". Initial equipment costs in the way of computers and controllers for each of the musicians was about \$40000. However, this cost was covered using College of Music funds, though arguably it is Student Technology Fee. It is our goal this year to really figure out the proper way to regularly spend these funds. The restrictions on them do make it a bit tricky since many of our larger technology expenses have been faculty/staff computer infrastructure and network related.</p>	

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COLLEGE OF NURSING	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$55,549
Expenditures Impact Statement	
Student Technology funds were used to install wireless on the second floor of Duxbury Hall to allow students to have access to Blackboard and the Internet in the classrooms. General funds were used to replace computers in the student computer lab which were 6 years old. A new video conferencing system was purchased to facilitate additional students in the College of Nursing Graduate Program.	
New Initiatives Statement	
Student Technology funds have been appropriated in 2011-2012 fiscal year to install wireless on the third and fourth floors of Duxbury Hall. Wireless coverage is being evaluated to determine if wireless nodes need to be added on the first floor. General funds have been used to purchase student response systems (clickers) for classroom use. Elluminate licensing costs should not be recurring since Blackboard purchased Elluminate.	

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OFFICE OF DISTANCE LEARNING	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$395,853
Expenditures Impact Statement	
<p>Technology Fee Allocations:</p> <p>Kaltura: This system enhances online course by adding video and rich delivery options.</p> <p> TurnItIn: Anti-plagiarism service used by FSU faculty and students.</p> <p> Blackboard Server Hardware: Updated hardware for the FSU Blackboard application servers.</p> <p>Operating Budget Allocations:</p> <p> Blackboard Development: Hardware used to extend/customize the Blackboard LMS.</p> <p> Course Evaluation: Equipment used to gather university course evaluation data.</p> <p> Faculty/Student Blackboard Support: Equipment used by the Blackboard User Support group to assist faculty and staff in LMS use.</p> <p> ODL Staff Professional Development: Training for Blackboard administration and distance learning course delivery methods.</p> <p> Professional Development Services for Faculty: FTE's used to prepare and conduct professional development workshops and faculty support.</p>	
New Initiatives Statement	
N/A. (All planned instructional technology initiatives scheduled for next year are currently being evaluated by the Student Technology Fee Advisory Committee.)	

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PANAMA CITY CAMPUS / COLLEGE OF APPLIED STUDIES	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$144,893
Expenditures Impact Statement	
<p>Student Technology Fees supported an expansion of the Career Café and the creation of a testing center for ITV and online courses. The Career Café originally contained three computer stations dedicated to students for the purpose of researching career options and exploring careers as they developed their academic plans. As numbers of students have increased, the need for additional computer stations has become evident as the three existing stations remained in use most of the time and many students were unable to gain access. By increasing the number of stations to ten, more students are able to gain access resulting in more information available to them as they plan for their future.</p> <p>The interest in gaining academic credit through technology has increased greatly and this campus offers expanded options for courses through ITV and online. As the numbers of students enrolled in these courses has increased, the need to maintain testing security and integrity has also increased. To meet the need for testing security and integrity, Student Technology Fees also supported the creation of a Testing Center which is administered through the Office of Student Affairs and which provides a monitor to proctor examinations from ITV and online courses. The Center maintains the integrity and the security of these evaluations and ensures that students being assessed are the students in the course.</p> <p>The Operating Budget has funded software upgrades such as SPSS, MathCad, LabView, MatLab which are used in engineering and scientific academic areas. Because these software packages are considered state-of-the-art and are utilized in the workplace, students at FSU Panama City will leave academia skilled in using these tools which are vital to their employability.</p> <p>Students require access to the abovementioned tools from remote sites as they complete their academic work. The Operating Budget has provided the remote access to these students, enabling them to work on their academics while not being tied to the campus location.</p>	
New Initiatives Statement	
<p>As the number of students increases, the need for remote access also increases. Plans are being developed to provide for additional remote access. The infrastructure for providing online courses will continue to be improved as the demand for online courses increases. The Operating Budget will be utilized for these improvements.</p> <p>The Student Technology Fee will be employed to improve the ITV equipment as newer and better equipment becomes available. In addition FSU Panama City plans to utilize this funding to add additional facilities to the ITV network currently available. The goal is to increase enrollment on campus to 1400 students, and the use of this fee will assist greatly to achieve that goal.</p>	

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COLLEGE OF SOCIAL SCIENCES & PUBLIC POLICY	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$443,016
Expenditures Impact Statement	
<p>The aforementioned hardware and software that support the efforts of the Geogrpahy and URP dept. and other programs withing the College of Social Sciences. These resources are crucial to our mission to provide students the exposure to technologies and techniques in planning, remote sensing, GIS, geosciences, and environmental sciences. Without money to support the labs, hoardware, data and softward acquisitions we would be unable to provide instruction which is crucial to helping undergrads and applied master's students develop employable skill sets in the Social Sciences. Furthermore, doctoral student research would be severely hampered without these resources.</p>	
New Initiatives Statement	
<p>We are constantly in a state of replacing dated and obsolete hardware, data and softward. Continued budgetary support is needed to maintain and improve the level of service our programs provide to students and faculty alike. With the student technology gees we upgrad seminary facilities with better AV technology and computer systems where students present work, defend graduate research projects and attend classes. This is a constant effort college wide. General funds and OCO funds are used every year to maintain and upgrade all our facilities in the College of Social Sciences. Student technology fees used last FY were around \$20,000.00 to upgrade three seminar rooms this past summer. General funds of around \$30000.00 were used to upgrade labs, student facilities and faculty resources for our College.</p>	

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COLLEGE OF SOCIAL WORK	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$38,119
Expenditures Impact Statement	
Replaced computers in computer labs and these were funded by the student technology fee	
New Initiatives Statement	
We will continue to replace and / or upgrade computers in our student computer lab. This lab is used by our student population for research, online assignments, and testing, and by faculty for teaching statistical skills.	

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UNIVERSITY LIBRARIES	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$1,110,931
Expenditures Impact Statement	
<p>Florida State University Libraries serve on average 6,400 students per day at the Strozier, Dirac, and Engineering Libraries. This service includes offering 500 desktop and 70 laptop computers loaded with both general productivity software such as Microsoft Office and specialized software such as Adobe Master Collection, Maple, Matlab, SAS & SPSS. Student Technology funds were used to replace outdated or broken hardware and to purchase software for use by students. The funds were also used to purchase calculators, cameras, projectors, and other IT related resources for student use. Non-tech fee funds were used to purchase Smart Shield software for student computers, iMacs, and interactive white boards for student study rooms.</p>	
New Initiatives Statement	
<p>The University Libraries has developed a plan to use student technology fee money to redesign our website which will enhance our web presence for improved student use. Currently, we serve close to 10,000 patrons daily during our peak periods via our website. Tools such as virtual reference and databases located on the website serve as major resources for FSU's online and distance learners.</p> <p>The Libraries in collaboration with other units on campus contracted with ITS to provide Shibboleth for authentication to the HathiTrust. HathiTrust contains over 10 million items, including access to over 5 million e-books. Once the authentication process is in place, students will have access to this comprehensive collection.</p> <p>We are also planning to expand the laptop checkout program and the number of Apple Macintosh computers available for student use.</p>	

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COLLEGE OF VISUAL ARTS, THEATRE & DANCE	
Total FY 2010-2011 Instructional Technology Expenditures (Funding Sources: Student Technology Fee Allocations & General Operating Budget):	\$435,251
Expenditures Impact Statement	
<p>The Schools within the College of Visual Arts, Theatre and Dance are highly dependent on instructional technology. The use of complex technological resources in creative education has been increasing exponentially in recent years. The schools within the CVATD develop curriculum that involves technology ranging from basic graphical computer instruction such as page layout, digital drawing, digital image creation and manipulation to the rendering of three dimensional objects with highly sophisticated software and equipment. Students learn about and study digital cinema, animation, sound synthesis, music composition, motion study and robotics. Studio artists produce high quality printed materials, digital visual productions and installation art. Photography students produce fine prints and learn the details of digital image creation. Traditional areas of study such as drafting and design are now largely approached through the use of sophisticated CAD software and three dimensional rendering software. Theatre and Dance production technology has advanced significantly and involves the use of sophisticated computer driven mechanisms and software to control lighting, sound and to plan and design stage sets. The significance and importance of computers and related technologies within these schools cannot be overstated. Tech Fee monies have enabled several of our departments to, for the first time, forecast need and cost for continued technology enhancement. This includes new purchases, maintenance, and replacement costs. Results of NASAD and QER reviews indicated that the CVATD was woefully lacking in quality technology and technology support. The University provided \$171,000.00 in funding to upgrade all technology in Studio Art and Interior Design. As a result the overall quality of both departments more nearly matches the national standard. In fact, Interior Design is now recognized as one of the best programs in the United States.</p>	
New Initiatives Statement	
<p>Current/developing projects include the creation of the Facility for Arts Research (FAR) and the establishment of an adendum facility to the College. FAR will provide education in the area of conceptual fabrication, product development, and "making". The facility is comprised of high tech equipment such as laser cutters, 3D printers, large format traditional printing equipment and audio technology, 3D routers and various equipment designed for the construction of objects. Our pending adendum facility, Belle Vue, will provide cross College opportunities for students such as a common "making" unit (laser cutters, 3D printers etc.) , woodshop, metal fabrication, ceramics and studio space. This project is under development and expected to come to fruition during the upcoming year.</p>	