Item #	Bronx Community College Student Technology Fee Plan	Proposed Budget FY 2014
1	**Assistive Technology** Provide Hardware/Software for Students with Disabilities. We have received several requests regarding software upgrades in the labs, Library/Learning Center.	12,000.00
2	**Computer Labs (ACC)** Upgrade the computer equipment as well as ComWeb systems in BA 107, LO 320, ME 329.	150,000.00
3	**Computer Labs (ACC)** 1. Multimedia Hardware/Software for Labs - software for audio/video editing, photo editing, musical hardware/software; tutorial simulation, screen recording, etc. in labs. 2. Renewal of the Microsoft Developer Network (MSDN) subscription for Business & Information Systems.	20,000.00
	CUNY Enterprise **10%** of Tech Fee budget to be reserved for CUNY Enterprise Projects. Please see items categorized as CUNY Enterprise Initiatives (#4 – #11). **Items are subject to change.**	
4	**CUNY Enterprise Technology Initiatives (Adobe Enterprise Agreement)**	29,718.09
5	**CUNY Enterprise Technology Initiatives (MS Campus Agreement)** The Microsoft Enterprise Campus Agreement provides colleges and other institutions of higher education license rights to the most commonly purchased Microsoft products. The CUNY Enterprise Campus Agreement will provide all CUNY campuses with the Microsoft Windows Core Professional License (Microsoft Windows and Microsoft Office) in addition to licenses for Share Point and Groove. Additional licenses include: server products, Exchange CALs for students; Visual Studio .Net & Office SharePoint Designer for the computer labs and Visio. Access to educational materials and Microsoft premium support services is also included with this subscription license.	72,000.00
6	**CUNY Enterprise Technology Initiatives (Enterprise Security)** The University needs to set aside funds for Security Initiatives to secure the universities at an enterprise level. Network behavior analysis (NBA) systems proactively monitor the network for malicious and out-of-normal activity and contain the spread of threats by identifying vulnerability points on the network. This technology is part of an overall information security architecture solution that complements signature-based intrusion detection systems.	28,618.20
7	**CUNY Enterprise Licensing (Optimal Resume)** Many jobseekers do not realize that the way information is presented on their résumé can often be of more value in getting to the next stage of the application process, than the information itself. Generally, students feel intimidated by the task of composing a good résumé. To this end, Resume Builder allows them to instantly create a professional, easy to edit résumé in minutes, using a self-guided wizard. The proposal is for CUNYwide student access to this externally hosted service. Prepare students for the workforce.	4,718.61

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8	**CUNY Enterprise Technology Initiatives (UsableNet Assistive)** UsableNet Assistive (UA) is an end-to-end Web accessibility platform designed to comprehensively improve functional capabilities of individuals with disabilities. It creates a dynamically generated, text-only, and accessible (compliant with standards such as ADA, Section 508, W3C, etc) view of an entire Website — as the main site constantly changes, each and every change is dynamically reflected in the accessible view created by the UA platform. Usablenet Assistive is a fully-managed service that requires no re-coding of a Website, client installations, infrastructure, maintenance, updating, administration, or Web development resources. **Benefits:** The Web has become a vital portion in the teaching and learning experience. As the University recognizes the importance of its online presence in the academic and research community, and strives to continuously improve and increase that presence, making all of CUNY Colleges' Websites and Online Services more accessible to the CUNY community of all ages with physical, cognitive and communication disorders, or a combination of disabilities, will make College experience a lot easier and richer. Vital portions of Websites that were previously not available in text format due to its coding limitations (for example, JavaScript) will now be available to users of assistive technologies that do not support such coding language, thus eliminating inaccessible obstacles from content.	3,813.99
9	**CUNY Enterprise Technology Initiatives (RefWorks/RefShare)** RefShare is a module to RefWorks that provides users with a quick and easy way to share their database (or folders) further enhancing collaborative research. Users can share their RefWorks references with both members of their own institution and globally with any researcher having Internet access. **Benefits:** • Make research information easily accessible by a global audience or limit access to a particular community of users. • Provide access to information for disparate researchers collaborating on a project. • Viewers can search, download, print, export, and contact the original author by e-mail. • Facilitate dissemination of information by having a central Web page for the posting and access of research information. • Provide a collaborative research environment using the capabilities of easily accessible data via the Internet • Allow easy transfer of information between RefWorks databases. • Centrally post frequently-needed databases of materials for research queries, class assignments, or research review. • Provide easy remote access to research and collaboration globally.	5,024.34
10	**CUNY Enterprise Technology Initiatives (Research Computing)** Computational science is a rapidly growing multidisciplinary field that uses advanced computing capabilities to understand and solve complex problems through modeling and simulation. CSI is developing a high performance computational (HPC) service center for CUNY researchers and is preparing, as part of the integrated University, to spearhead the development of a University-wide suite of computational resources, a critical factor in CUNY's Decade of Science.	3,976.84

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11	**CUNY Enterprise Technology Initiatives (High Performance Computing Connectivity)** Students, along with faculty, will be able to use the CUNY HPC facility at College of Staten Island for their scientific computing research.	2,838.15
12	**CUNY Ongoing Technology Expenditures (CUNY Fiber Network - NYSERNET)** We currently have a TLS that allows 100mb connectivity and an Optimum on line Link also at 100mb. For FY2012 we will delete the TLS circuit after we acquire a 1GB NYSERNET circuit. Our intention is to use both the 1GB connection and the 100 mb from Optimum simultaneously for load balancing and as a backup circuit recovery solution should the fiber 1 GB connection fail.	104,407.68
13	**CUNY Ongoing Technology Expenditures (Blackboard)** Blackboard Enterprise Licenses + BackPack (Add-On)	35,684.20
14	**CUNY Ongoing Technology Expenditures (Internet 2)** Internet2 is a collaboration of over 207 universities, in partnership with businesses and the federal government, to develop and deploy advanced network applications and technology. Internet 2 offers the University the opportunity to take advantage of new internet protocols (IPv6), high bandwidth, low latency (delay), multicasting and the Quality-of-Service that is only available with Internet2 access. The Abilene Network, a high performance Internet 2 backbone network will enable and support the development of advanced Internet applications and the deployment of leading edge network services to Internet 2 universities and research labs across the country. The network has become the most advanced native IP backbone network available to universities participating in Internet2. This network will support the development of applications such as virtual laboratories, digital libraries, distance education and tele-immersion, as well as the advanced networking capabilities that are the focus on Internet2.	2,292.00
15	**CUNY Ongoing Technology Expenditures (McAfee)** McAfee Antivirus licensing for all desktops and laptops on campus (PC & Mac platform)	11,226.37
16	**CUNY Ongoing Technology Expenditures (Technology and Business Research Tools - Gartner)** More and more employers are relying on third party research and analysts to advise them on the alignment of business needs to technology operations. In the context of higher education, access to Gartner research online for students and faculty is an invaluable tool for research projects, course materials, and preparing our students to meet the needs of their future employers. Gartner research tools will also provide our academic and administrative staff with the information necessary to plan, implement and support the fast growing IT environment on our campuses.	2,986.97
17	**DegreeWorks** DegreeWorks is a web-based advisement and degree audit tool that allows students to view the requirements of their chosen degree and progress towards completing it.	12,000.00

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18	**Electronic Portfolio (ePortfolio) System** Expansion of the ePortfolio solution where students are able to **collect** course work (virtual repository), **select** their best work from the collection to showcase, **reflect** on their progress and **connect** their course work with their personal experiences & career goals.	40,000.00
19	**Faculty Development** Sustain the Faculty Development Program to ensure that our faculty are current with the application and use of technology in higher education. This budget allows BCC to pursue an annual cycle of faculty development programming with two goals: 1) to increase online and web-supported instruction, and 2) to build departmental capacity for technology-based curriculum development.	75,000.00
20	**Center for Teaching, Learning & Technology** 1. Addition of hardware and software 2. Computer supplies & accessories for (15) classrooms in the New Building	20,000.00
21	**Institutionalize the Student Technology Assistant / ITT Mentor Programs** Student Technology Assistant & ITT Mentor programs which were previously funded by grants. Working with Career Development, we will recruit students, which meet the requirements, to participate in a paid internship. Students will receive a one-week intense training covering topics such as PC repair, MS Office, Web Development, Blackboard, Customer Service & information research). Upon completion of the training, students will be designated to work in various departments (IT, Library, CTE, ACC labs, Academic Depts.).	239,998.00
22	**Library (Electronic Resources)** Provide specialized academic electronic periodical databases not supported by Central CUNY for the Library. Electronic library resources are needed to enhance BCC student and faculty access to bibliographic, scholarly sources supporting academic research, learning and teaching. Resources will include databases such as J-STOR, MathSciNet, ScienceDirect, ABC-CLIO, Waldo's Nursing Journals, etc. These resources will be available from remote locations via the proxy server, and will provide the full text of the needed article, chapter, or document, and deliver it to the student or faculty workstation.	100,000.00
23	**Library (Multimedia)** Upgrade the Learning Center, creating a "Multi-Media Center" learning space furnished with an audio and video presentation system capable of accepting and displaying various formats and source materials (examples include videotape, computer generated material, transparencies, slides, and film). Installation of new and upgrade of existing computers to be used for computer based training. Upgrade the Learning Resources Center media equipment to deliver media contents on videotapes, audio tapes, CDs, DVDs, etc. DVD players, 20" TV/VCR combo sets, audio sets w/ CD players	30,000.00
24	**Library (Supplies)** Supplement Library computer supplies for support of student printing (toner cartridges, paper, etc.)	15,000.00

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25	**Network Infrastructure** Install electronic switches to expand network communication in more areas across campus. Switches enable us to avoid problems by easing network migration, adaptation, and expansion. They provide the availability and resiliency required to keep network resources available around the clock, which is a service we need to provide to our students. The acquisition of new switches will allow us to provide and expand services to areas where students need to do research such as the computer labs, the Library & Learning Center and classrooms.	75,000.00
26	**Personnel** Provide enhanced support and expand support coverage for Academic Computing student support computer labs. Our students would be better served by extending our weekend hours to include more hours on Saturday (9 am - 5 pm) and offering hours on Sundays (9 am - 5 pm); coverage of computer labs during the summer; spring/winter break; staffing for the lounges, digital recording/editing and student Help Desk..	289,480.00
27	**Printing Solution (Enterprise):** Pharos printing enterprise solution. In an effort to go green and save on printing budget (toner, cartridges, paper and replacement of defective printer parts) for the ACC labs and Library/Learning Resource Center in the first phase and expand to other computer facilities on campus this year. Annual maintenance support for hardware/software.	40,000.00
28	**Software (Academic):** Provide support for academic departments using software not covered under college-wide or university-wide licensing. **Business & Information Systems - $30,000: (***PROPOSED***)** introductory accounting students access to WileyPlus, an online teaching and learning environment. WileyPlus will be centrally administered by the BIS department across all ACC11 and ACC12 sections. Individual instructors will be able to assign additional quizzes and homework for their sections. This will provide the department with an effective and timely assessment tool for identifying subject areas requiring immediate attention	50,000.00
29	**Technology in Classrooms** Classrooms will be developed as "smart" classrooms enabling both students and faculty to make use of current and emerging technology. Students and faculty will be able to plug into campus networks, project their work, and have access to developmental or creation stations. Portable equipment should be the next level of priority after desktop capabilities are sufficiently met.	50,000.00
	TOTAL	**1,525,783.44**