# STUDENT TECHNOLOGY FEE PLAN
### A Summary of the Plans for FY 2023

Brooklyn College
The City University of New York

Prepared by the
The Brooklyn College Student Technology Fee Committee
-and-
Brooklyn College Information Technology Services

More information can be found on the BC Tech Fee web site:
https://www.brooklyn.cuny.edu/web/academics/technology/stfp.php#

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## What is the Student Technology Fee?

The Technology Fee Advisory Committee was established in 2003 to develop the College's plans for use of the revenues from the new student technology fee adopted by the University Board of Trustees. The committee was charged with developing a budget plan in accordance with guidelines established by the University as to the expenditure of these funds and to maximize input across the College community.

## How does Student Technology Fee work?

The Student Technology Fee ("Tech Fee") was created as an interactive way to enhance technology available to students on all CUNY campuses. Fees collected from students are held in reserve to fund projects that have a "demonstrable affect" on the student body. Each campus has an advisory committee that consists of administrative staff, faculty and student representatives that oversee budget allocation and project approval; however, Tech Fee is totally dependent on the entire college community for its functioning: without proposals submitted by students, faculty, and staff, there would be no projects to fund.

## What is the purpose of the Student Technology Fee and the Committee?

The Student Technology Fee ("Tech Fee") casts the students as consumers of technology provided by the college. The revenue generated by the Tech Fee must be used to improve the technological services for students and should be expended on resources that have a perceptible and demonstrable impact on students. These funds can be used to provide innovations in curricular related activities in which students will have direct access to industry-leading and emerging technologies. Approved projects are expected to further the college's goals of expanding student access to computing resources, improving computer-based instruction, improving support for students using college computer, improving student services, and using technology to enrich student life on campus. These goals should not only make college life more enjoyable, but also 3provide Brooklyn College students with an edge as they enter the job market or move on to postgraduate studies.

The purpose of the Brooklyn College STF Committee is to convene and execute these official functions annually:

- Provide to the President of Brooklyn College a recommended budget for the allocation of BC STF funds for the upcoming fiscal year.

- Perform a bi-annual student satisfaction survey where questions related to current student tech fee use as well as areas for investment are included in questions.

- Provide an assessment report on the current year's Tech Fee Plan, including a final financial overview. The assessment shall include the source of all student tech fee income by constituency, past reserves, surplus accounts and projects that will continue to roll over from year to year.

# STUDENT TECHNOLOGY FEE CALL FOR PROPOSALS 2022-2023

This is a formal call letter to request proposals for projects to be funded by Student Technology Fee funds for the 2022-2023 academic year.

How to apply:

STF proposals must be submitted via an online tool. To propose a project to be funded by the Student Technology Fees, visit the STF web site: http://www.brooklyn.cuny.edu/bctf/stfp/, where you can review the proposal guidelines and access the online application. Please pay close attention to the submission deadline, which is December 21, 2021, and the accompanying guidelines, some of which are reproduced below.

All proposals are routed first to a designated executive area head, who must approve the proposal for it to proceed to the committee for consideration (Dean of School for faculty, VP Ron Jackson for student affairs and clubs, SVP Alan Gilbert for miscellaneous administrative submissions, and Associate Dean Mary Mallery for Library submissions).

The STF Committee meets in early Spring to review the proposals and decide which to fund. Proposers will be informed of the committee's decisions later in the spring semester.

## WHAT CAN BE FUNDED BY STF FUNDS?

Almost all activities on campus are ultimately related to students. However, only proposals that provide direct and immediate benefit to students in specific ways will be considered.

Examples of acceptable uses of STF funds:

- Implementing or upgrading of instructional computer labs
- Acquiring or upgrading accessible technology
- Implementing or upgrading student-serving computer labs
- Improving and implementing student services
- Faculty development of new or improved courseware
- Electronic information resources in the library
- Personnel for installation and maintenance of computer services
- Upgrading instructional spaces to support technology-assisted learning
- Acquiring technology tools to support college-sponsored student activities
- Expand student access to current and emerging technology
- Purchase of Enterprise Solutions

Examples of unacceptable uses of STF funds:

- Supplies, other than an initial small starter supply for a new piece of equipment
- Construction or other infrastructure needs, such as HVAC, electrical work, painting, window shades, etc.
- Equipment or software for faculty research or private faculty use
- Requests to utilize STF funds to replace or subsidize standard budgeted expenditures for college operations.

# WHAT IS THE STF PROPOSAL, DECISION, AND PROCUREMENT PROCESS?

The STF committee, chaired by the Provost, reviews each proposal in early Spring and assigns one of the following determinations to each: Approved in whole or in part, declined, held in queue for possible funding later in the year. The decision will be communicated to each submitter, typically within one month after the STF decisions are made.

Approved proposals will be executed and funded in the 2022-2023 fiscal year. Those funds do not typically start becoming available until Fall of that year, and are collected throughout the year (Summer, Fall and Spring). While every effort will be made to initiate purchases as quickly as possible, most purchases will not be completed in time for the Fall term, and some may have to be deferred to Spring. Please keep this in mind when planning your 2022-2023 classes.

Proposals approved for funding go through the standard CUNY procurement process, which is time consuming, and those orders must adhere to many NYS and CUNY regulations. This requires the cooperation of the proposers now and during the procurement process in the following year. CUNY requires that STF funds be expended in the year they are collected. Therefore, if ITS or College Purchasing determines that a purchase is not practically attainable in the necessary timeframes, that allocation may have to be rescinded, and the funds reallocated to other queued projects.

Proposals are approved only for the items requested. Any subsequent cost savings return to the general STF fund for reallocation. Funding allocations are based on the proposal estimate and may not increase to cover any subsequent price increases.

## PREPARING YOUR PROPOSAL:

Proposals previously submitted, but not funded for any reason, do not automatically get considered in subsequent years. A new proposal must be submitted each year.

Instructional software requests must be approved by the college's Software Coordination Committee, which verifies technical compatibility, and ensures that true campus-wide implementation costs are considered.

If a proposal requires a new space on campus, it will NOT be considered unless the submitter FIRST obtains an appropriate location, approved by the administration for this use.

STF allocations are based on the proposal's good-faith estimates, which should preferably be based on actual price quotes where possible. ITS is prepared to assist with pre-proposal reviews and advice.

Proposals should include all related needs in one application. Do not submit multiple applications for smaller amounts of equipment that will serve the same purpose.

Please be sure to include copies of any quotations, estimates, suggested vendors, and sole vendor letters that may be required to facilitate the procurement, if approved.

If you have any additional questions about the application process, please contact Anil Lilly at 718.951.5861 or anil@brooklyn.cuny.edu.

# Brooklyn College
## <u>Student Technology Fee Committee 2022-2023</u>

ADMINISTRATION

Anne Lopes
Provost and Senior Vice President of Academic Affairs

Alan Gilbert
Senior Vice President for Finance and Administration & Chief Information Officer

Ronald Jackson
Vice President for Student Affairs

Mary Mallery
Chief Librarian and Executive Director of Academic Information Technology

FACULTY COMPUTER UTILIZATION AND EDUCATIONAL TECHNOLOGY COMMITTEE (CUET

Karen McFadden
Early Childhood Education/Art Education Department, Chair of CUET

Madeline Fox
Sociology Dept./Children & Youth Studies

Michael Hughes
Library

Terry Dowd
Associate Professor, Chemistry

STUDENTS (INCLUDING STUDENT GOVERNMENT)

Louis Di Meglio – President, GSO

Aharon Grama – Co-President, USG

Yisroel Shulman, Chief of Staff, USG

David Dodson, USG Senator

Carrie Ebbin, USG Senator

Mordecai Lev, USG Senator

Amina Tariq, USG Senator

Richard Yevdeyev, USG Senator

Mohammed Azizul, Student (Alternate Committee Member)

# Brooklyn College Priorities for 2022-2023

The student technology fee will be distributed across the categories listed below according to the percentages indicated. Details are in the appended project descriptions and spreadsheet. The budget is based on projected revenue of $3,677,869 from the collection of student technology fees.

- Implementing or upgrading of instructional computer labs (1.49%)
- Acquiring or upgrading accessible technology (3.33%)
- Implementing or upgrading student-serving computer labs (9.01%)
- Improving and implementing student services (2.93%)
- Faculty development of new or improved courseware (0%)
- Electronic information resources in the library (11.27%)
- Personnel for installation and maintenance of computer services (27.53%)
- Upgrading instructional spaces to support technology-assisted learning (10.98%)
- Acquiring technology tools to support college-sponsored student activities (1.59%)
- Expand student access to current and emerging technology (1.96%)
- Purchase of Enterprise Solutions (29.91%)

# Alignment with the Brooklyn College Strategic Plan

The Student Technology Fee Plan for 2022-2023 supports the success of all five goals of the Brooklyn College Strategic Plan 2018-2023

**GOAL 1:** ENHANCE OUR ACADEMIC EXCELLENCE

**1(a). Improve undergraduate, master's, and doctoral programs that distinguish our strengths in the liberal arts, sciences, business, creative arts, and education to support students for success locally and globally.**

- **Expanding VR/AR Class to TREM Graduate and Undergraduate**

**1(c). Enhance the excellence of our teaching to support students' success and promote critical thinking and problem solving.**

- **Speech-Language Hearing Center Clinical Experiential Learning Expansion**
- **Expanding Students' Experiential Learning from the Classroom**
- **Purchase the 2022 Springer eBook Collection**
- **Enabling Access to Technology in Upper Division Chemistry Laboratories**
- **Improving Students' Quantitative Experiments in the Microbiology Lab**

**GOAL 2:** INCREASE UNDERGRADUATE, MASTER'S, AND DOCTORAL STUDENTS' SUCCESS

**2(b). Increase students' opportunities for high-impact academic engagement, such as service learning/ community-based learning, research, study abroad, and capstone courses and projects.**

- **Project: A/V technology to support student learning about development, instruction, parenting, and interventions remotely - $25,000**
- **Project 3: Expanding Students' Experiential Learning from the Classroom - $11,065**

## GOAL 3: EDUCATE STUDENTS FOR FULFILLING WORK AND LEADERSHIP IN THEIR COMMUNITIES

### 3(c). Infuse career development into curricular and co-curricular offerings.

- **A/V technology to support student learning about development, instruction, parenting, and interventions remotely**
- **Broadcast cameras for events and studio**
- **Digital Art Lab expanded enrollment computers and 5K display upgrades**
- **Post-Production Sound and Color Finishing Suite & Recording Live Room**
- **Feirstein School of Cinema Post-Production lab computer replacement**
- **PIMA MFA Program**
- **Upgrading of Video and Multimedia Lab Computers**
- **Drafting/Design MacMini Workstations**

## GOAL 4: DEVELOP A NIMBLE, RESPONSIVE, AND EFFICIENT STRUCTURE TO SERVE OUR STUDENTS AND CARRY OUT OUR MISSION

### 4(e). Enhance campus facilities, technology, and infrastructure, with an emphasis on sustainable best practices.

- **A/V technology to support student learning about development, instruction, parenting, and interventions remotely**
- **Flexible Space – Student Computer Stations**
- **Multi-Camera Pedestal Replacement**
- **Camcorder Student Loan**
- **Public Scanner Replacement**
- **Broadcast cameras for events and studio**
- **Convert 1227IH to a smart classroom and purchase 24 laptop computers for conducting online lab tests**
- **Digital Art Lab expanded enrollment computers and 5K display upgrades**
- **Post-Production Sound and Color Finishing Suite & Recording Live Room**
- **Feirstein School of Cinema Post-Production lab computer replacement**
- **Upgrading of Video and Multimedia Lab Computers**
- **Drafting/Design MacMini Workstations**

## GOAL 5: LEVERAGE BROOKLYN COLLEGE'S REPUTATION FOR ACADEMIC EXCELLENCE AND UPWARD MOBILITY

### 5(d). Improve the mechanisms of communication to strengthen our reputation and identity.

- **Project: Campus Experience Management Platform**

# BROOKLYN COLLEGE TECHNOLOGY FEE ALLOCATIONS FY23

## SCHOOL OF EDUCATION - $25,000 (1 PROJECT)

**Project:  A/V technology to support student learning about development, instruction, parenting, and interventions remotely - $25,000**
An audio-visual system to record infants and young children's development and interactions in their classroom settings, including parent-child interactions for numerous courses.

## SCHOOL OF HUMANITIES & SOCIAL SCIENCES - $59,788 (3 PROJECTS)

**Project 1:  Speech-Language Hearing Center Clinical Experiential Learning Expansion - $40,723**

This proposal will fund technology which will enhance education in clinical, classroom and labs in the undergraduate and graduate curriculum of speech-language pathology and audiology in the Department of Communication Arts, Sciences, and Disorders. Awarded equipment will facilitate safe student participation in clinical laboratory and research activities. Proposed items will afford the opportunity for students to safely engage experiential learning with new equipment, will help facilitate observation of clinical sessions, and will allow the program to better provide for undergraduate and graduate students to engage in activities for laboratory/research assignments and to fulfill learner outcomes and departmental assessment standards.

**Project 2:  Flexible Space – Student Computer Stations - $8,000**

The Children and Youth Studies  program proposes to add to their student computer mini-lab. This lab is used for student research related to course and curriculum content, and for career exploration and professional development. The lab offers network access and printing services to all our students.

**Project 3:  Expanding Students' Experiential Learning from the Classroom - $11,065**

This proposal will fund technology that will contribute to students' evidence-based practice training in Communication Sciences and Disorders (CSD) education, specifically in clinical practice, classroom training, and labs at the undergraduate and graduate levels in the Department of Communication Arts Sciences and Disorders. The proposed technology will allow students to collect data from participants/clients in natural settings that can be analyzed and interpreted for projects in their clinical practicum or in the classroom.

## BROOKLYN COLLEGE LIBRARY - $128,059 (5 PROJECTS)

**Project 1:  Multi-Camera Pedestal Replacement - $29,400**

Replacement of a multi-camera pedestal in the TV Center which is no longer operational and cannot be repaired. This camera is necessary to support TREM multi-camera production classes for graduates & undergraduates and to support college-wide TV production.

**Project 2:  Camcorder Student Loan - $6,600**

Purchase of high-quality video camcorders for student access to professional grade video equipment.

**Project 3:  Public Scanner Replacement - $8,250**

This scanner will allow students to copy necessary instructional and Library materials.

**Project 4:  Broadcast cameras for events and studio - $12,000**

The TV Center is often called upon to record important student events, such as student productions, sporting events, recitals, special events, etc. Multiple portable cameras are needed to record these events. When we do remote shooting events for Theater, music, Athletics or Campus wide events, we need multiple cameras to cut between multiple different sources. With funding, students will be given the opportunity to learn the complex skills necessary for multicam production in a real-life practical setting as opposed to a theoretical level. Experience using these cameras is often a crucial element in securing future employment.

**Project 5:  Purchase the 2022 Springer eBook Collection - $64,416**

Purchase of the Springer ebook package of titles to be published in 2022. Brooklyn College has purchased the annual ebook package in past years because these ebooks are heavily used by students in their classwork and research. They are provided in PDF and EPUB formats, free of digital rights management software, allowing students to download and keep the books. The collection includes many texts which could be adopted by our faculty for no-textbook cost courses in Behavioral Science, Life Sciences, Business and Economics, Chemistry and Materials Sciences, Computer Science, Earth and Environmental Science, Energy, Engineering, Humanities, Social Science and Law, Mathematics, Medicine, Physics, and Applied Computing.

**SCHOOL OF NATURAL & BEHAVIORAL SCIENCES - $63,338 (3 PROJECTS)**

**Project 1:  Enabling Access to Technology in Upper Division Chemistry Laboratories - $15,000**

Funding to purchase 20 (twenty) laptop computers and 2 (two) wireless printers. This will enhance academic excellence and student engagement in upper division Chemistry labs, including Biochemistry, Analytical and Physical Chemistry as well as Instrumental Analysis laboratories.

**Project 2:  Convert 1227IH to a smart classroom and purchase 24 laptop computers for conducting online lab tests - $29,012**

The smart classroom and individual access to digital resources via laptops engages students in classroom learning and enforces student's grade accountability. The corona virus pandemic has launched a shift in education from traditional textbook reading to virtual resources such as eBooks with audios and 3-D animations. These are effective means to improve focus and increase information retention. The equipment we requested in this project makes it possible for such pedagogical improvements.

**Project 3:  Improving Students' Quantitative Experiments in the Microbiology Lab - $19,326**

Funding for two incubating, orbital shakers (Eppendorf I-24 Incubating Shaker, cat# M1344-0000) for culturing microorganisms, and two microcentrifuges (accuSpin Micro 17 Microcentrifuge, cat# 75002461) for isolating microorganisms from liquid cultures. The shaking incubators and microcentrifuges will allow students in the introductory microbiology labs (BIOL 3004) to carry out 1) quantitative microbial growth curves, 2) low-density detection and quantification of microbial growth, 3) determination of aeration, temperature, and other conditions on microbial growth rates, and 4) microbial biomass calculations. These are methods routinely in research, clinical, and diagnostic microbiology

laboratories. An opportunity for Brooklyn College students to gain experience with these techniques will prepare them for carrying out the methods, and understanding and analyzing these types of data, in future biomedical and research careers.

**OFFICE OF STUDENT AFFAIRS & SERVICES - $40,000 (1 PROJECT)**

**Project: Campus Experience Management Platform - $40,000**

The proposed project is to provide Brooklyn College students with a strategic omni-channel communication and community building platform that reimagines campus communities by empowering every member to connect and thrive.

**SCHOOL OF VISUAL, MEDIA, & PERFORMING ARTS – $181,707 (7 PROJECTS)**

**Project 1: Digital Art Lab expanded enrollment computers and 5K display upgrades - $28,388**

Funding for this STF grant will be used for acquiring 2 additional Mac Pro computers to maximize student enrollment and to upgrade the computer lab's 15 older screens to new, state-of-the-art 5K displays for professional level multimedia arts production in the Digital Art Lab.

**Project 2: Post-Production Sound and Color Finishing Suite & Recording Live Room - $43,324**

Film production students need to be able to have a quiet room to record voice overs, ADR tracks (automatic dialog replacement), sound effects and foley effects. They also need an advanced color correction computer editing room or "finishing suite" as this is the last stage in a film production workflow. This project will fund a finishing suite with suitable computer equipment, mixing console, color correction control surface, microphones, and a recording booth to allow advanced students the opportunity to work with professional tools and be ready to work in professional studios.

**Project 3: Feirstein School of Cinema Post-Production lab computer replacement - $42,720**

This proposal is to upgrade the outdated Post-Production Mac lab at the Feirstein Graduate School of Cinema.  The Post-Production lab (with 15 Mac Pros) is the largest computer teaching classroom and labs for students. This once state of the art computer lab was funded through initial construction/capital budget when we opened the Feirstein Graduate School in Fall 2015. Since most of our graduate post-production classes meet in the Post lab, the workstations have to support the latest applications including graphical intensive Avid Media Composer & Pro Tools, Adobe After effects & Premiere, and Blackmagic Davinci Resolve. Therefore, it is essential to have solid workstations running the most demanding applications without any hardware failures or software issues. This will also help students complete course projects & MFA thesis projects and give them a strong technical background and training, which will help them to successfully enter the work force.

**Project 4: PIMA MFA Program - $5,642**

Performance & Interactive Media Arts seeks to primarily accommodate a growing need for audio equipment and to acquire needed additions to our lighting equipment.

Audio: We have a growing need for creating multi-channel audio performances and installations. To this end we are seeking powered speakers with stands as well as audio interfaces that are capable of multiple channel output. We are also seeking to add to our inventory of basic microphones for recording and performing applications.

<u>Lighting</u>: We seek to add four USB to DMX interfaces for controlling LED lighting systems from computers using software such as Max and Isadora. We are also seeking an additional DMX dimmer pack for computer control of incandescent lights.

### Project 5:  Expanding VR/AR Class to TREM Graduate and Undergraduate - $17,333

The department of Television, Radio and Emerging Media has offered a new emerging media course to our programs. This course reflects the direction the department (and the industry) has been moving in for some time: as new technologies and communication modes arise, our faculty have been on the forefront, working and creating in these new fields of virtual reality, augmented reality, mixed reality, multimedia, computational art, and more. We would like to add more new courses to our programs including the new Storytelling for Virtual Reality in our B.A. program, which we are offering this spring. In the JAMS program, AR and VR are rapidly becoming important parts of the curriculum. As we revise our B.A. and M.A, programs we envision offering more classes focusing on emerging media.

### Project 6:  Upgrading of Video and Multimedia Lab Computers - $36,000

The Television Radio and Emerging Media department is requesting the replacement of six 2013 Mac Pro workstation in our Multimedia Lab with New Mac Pro workstations. We need the technology to follow the current 4K, VR, and HDR (High Dynamic Range) video editing demands that we have implemented into our curriculum. With these new Mac Pros, the TREM department will adopt new software that will greatly assist students in working on special projects, such as video programs like DaVinci Resolve or 3D Media tools like Blender and Unity. In the past, we have allowed access of our HD technology to our graduate students only. However, we are offering this technology to our undergraduate students as well. We currently have full HD curriculum added to our production classes. The new Mac Pros have the processing power and capabilities to implement color correction, high dynamic range imaging, and real-time preview of 4K HDR imaging, and 3D image rendering.

### Project 7:  Drafting/Design MacMini Workstations - $8,300

The Department of Theater needs 5 new Mac Mini workstations for student use on projects ranging from CADD, image and video editing and playback, sound design and much more.  Theater design students routinely use industry specific software such as Vectorworks, Lightwright, Qlab, Cinema4D, Isadora, Watchout, Sketchup, Blender, AutoCad, and many more. Having these modern and versatile workstations will allow Theater Department CLTs to ensure that all DoT students have access to current versions of these software platforms to complete their coursework.

### <u>BROOKLYN COLLEGE – ADMINISTRATION - (11 PROJECTS)</u>

### Project 1:  FT Staffing – Accessible Technology Support - $66,425

Description of Proposed Project:  Personnel for installation and maintenance of computer services

Full time staff to support accessible technology which provides technical support to students with disabilities for computer classrooms, open computer labs, and technology in smart classrooms. Is committed to ensuring that students with disabilities enjoy an equal opportunity to participate in the classrooms, programs, and services that the college has to offer by facilitating the necessary accommodations.   Assessments are done by annual student surveys.

### Project 2:  FT Staffing – Installation and Maintenance of Computer Services - $328,359
Description of Proposed Project:  Full time staff to support instructional technology

Full time staff provides technical support for computer classrooms, open computer labs, laptops in carts for class use, the faculty development lab, laptops available for loan by students, short-term loan computers for faculty use in classrooms, and technology in technology enhanced classrooms. Assessments are done by annual student surveys.

**Project 3: PT Staffing – Installation and Maintenance of Computer Services – $681,141**

Description of Proposed Project: Full and part time staff to support instructional technology.

The allocation will support part-time employment for technology support staff in 60+ student computing labs, 100+ laptop carts, 350+ technology enhanced areas, smart classrooms, as well as part-time technology assistants for the other student service areas. Assessment by annual student survey and employee appraisals. Assessments are done by annual student surveys.

**Project 4: Smart Classroom Upgrades - $200,000**

Description of proposed project: Replacement of existing computers, peripherals and smart classroom equipment on a planned replacement schedule.

Maintenance and repair of existing computers, peripherals and smart classroom equipment. This includes equipment not under warranty that break such as keyboards and mice, A/V equipment and printer maintenance kits.

Brooklyn College offers technologically advanced classroom space across a number of academic buildings. We have a multitude of standard 30-45–person classrooms with movable seating, and several lecture halls ranging in capacity from 68 to 288. Most classrooms are SMART featuring:
- Built-in ceiling-mounted video projector
- Sound system
- Symimpodium interactive display tablet
- Projection screen (electric or manual)
- Separate dimmable high-hat lighting
- A lectern with built-in projection controls, flat-panel instructor computer display, PC, VHS/DVD player, amplifiers, and walk-up laptop video/sound connections
- Network connectivity to the lectern and projector
- Room-darkening window shades
- Wireless PowerPoint Remote Control

Some rooms have Digital Document camera to project documents, Sympodium interactive display at podium to facilitate recording sessions, and annotating projected image. Assessments are done by annual student surveys.

**Project 5: Computer Lab Upgrades - $200,000**

Description of Proposed Project: Replacement of existing computer lab equipment on a planned replacement schedule.

New equipment for instructional technology support such as a computer labs and classrooms, and student loan items. Includes scanners, drawing tablets, computers, projectors, A/V equipment, printers etc. not budgeted for in other allocations or projects. Some examples of past purchases include additional iPads, laptops and digital cameras for student loan, expendables such as toner, projector bulbs and batteries

(wireless microphones and remotes) for instructional technology facilities.  Assessments are done by annual student surveys.

**Project 6:  Academic Network Infrastructure - $150,000**

Description of Proposed Project:  Upgrade, replace or renew network infrastructure and components.

In order to maintain network infrastructure to support academic and operational continuity, we need to purchase or replace components in our existing network infrastructure, including cabling, network switches, hubs, routers, UPS, and HVAC.   Assessment will be conveyed in our operational continuity.

**Project 7:  Library Resources - $350,000**

Description of Proposed Project:  Digital Subscriptions & Electronic Journals & renewal of latest digital subscriptions on a planned schedule.

The Brooklyn College Library will continue its subscriptions to digital collections and information services.  Assessments are done by annual surveys.

**Project 8:  Software License Fees (Instructional) - $80,000**

Description of Proposed Project:  Upgrade or renewal of classroom & lab software and renewal of latest software subscriptions on a planned schedule.

Funds are used to license software by students in their courses and/or in student computer labs, such as Microcase, Keyserver, MapleNet, Maple-TA, SONA, E-recruitment, etc.  Assessments are done by annual surveys.

**Project 9:  Software License Fees (Student Services) - $70,000**

Description of Proposed Projects:  Purchase, upgrade or renewal of student services software

Renewal of latest software subscriptions on a planned schedule to improve or implement student services Assessments are done by annual surveys.

**Project 10:  University Wide Initiatives - $800,000**

Description of Proposed Project:  Purchase of Enterprise Solutions

Funding of student serving university-wide initiatives.  Assessment will be determined by University.

**Project 11:  Strategic Technology Initiatives - $300,000**

Description of Proposed Project:  Purchase of Enterprise Solutions

Implementation of Brooklyn College strategic technology initiatives. Assessment will be determined by STI Committee.