

STUDENT TECHNOLOGY FEE PLAN

A Summary of the Plans for Fiscal Year 2021



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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STUDENT TECHNOLOGY FEE COMMITTEE WHAT IS STF AND HOW DOES IT WORK?

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 provide 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 2020-2021

This is a formal call letter to request proposals for projects to be funded by Student Technology Fee funds for the 2020-2021 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 20, 2019, 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 2020-2021 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 2020-2021 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
Student Technology Fee Committee 2020-2021

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)

David Grubbs
(Conservatory of Music Dept., Chair of CUET)

Karen McFadden
Early Childhood Education/Art Education Department

Andrej Jarzecki
Chemistry Department

STUDENTS (INCLUDING STUDENT GOVERNMENT)

Alyssa Taylor
Undergraduate Student Government President

Gary Ortiz
Graduate Students Organization President

Alexarae Worrell
Graduate Students Organization President

Claudemir Seneus
Undergraduate Student Government

Jessica Johnson
Undergraduate Student Government

Jamie Jones
Undergraduate Student Government

Kadesha Price
Undergraduate Student Government

Brooklyn College Priorities for 2020-2021

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 \$3,850,000 from the collection of student technology fees.

- Implementing or upgrading of instructional computer labs (2.99%)
- Acquiring or upgrading accessible technology (2.32%)
- Implementing or upgrading student-serving computer labs (9.33%)
- Improving and implementing student services (8.24%)
- Faculty development of new or improved courseware (0.25%)
- Electronic information resources in the library (9.01%)
- Personnel for installation and maintenance of computer services (19.10%)
- Upgrading instructional spaces to support technology-assisted learning (9.32%)
- Acquiring technology tools to support college-sponsored student activities (0.55%)
- Expand student access to current and emerging technology (0.27%)
- Purchase of Enterprise Solutions (38.62%)

Alignment with the Brooklyn College Strategic Plan

The Student Technology Fee Plan for 2020-2021 supports the success of all five goals of the Brooklyn College Strategic Plan 2018-2023

GOAL 1: ENHANCE OUR ACADEMIC EXCELLENCE

C. Enhance the excellence of our teaching to support students' success and promote critical thinking and problem solving.

- Enhancing Clinical Education in Phonatory Assessment and Intervention in Communication Sciences and Disorders
- Supporting Didactic Coursework and Student Experiential Learning in Acoustics, Signal Processing, Hearing Sciences, Phonetics and Speech Production Education.

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

D. Enhance student support programs, including those for special populations, such as transfer students, students with disabilities, veterans, and international students.

- Campus Labs for Student Engagement

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

C. Infuse career development into curricular and co-curricular offerings.

- Expanding Access to Digital Technology and Upgrading Equipment for Digital Art Instructional Space
- MakerBot Method 3D Printer

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

E. Enhance campus facilities, technology, and infrastructure, with an emphasis on sustainable best practices.

- Critical Upgrade: iMacs in Instructional and Student-Serving Computer Labs
- Smart Podium Projectors - Critical Upgrade for WEB 212, 235, 239 (2), 237 (2) - 6 total
- Expansion of Wi-Fi coverage in Library, Library Café, Boylan Cafeteria, & WEB 1st & 2nd Floors and TOW Performing Arts Center
- Continued expansion of cell signal amplification throughout Ingersoll, Boylan, Whitehead, WQ, and SUBO.
- Enhancing Clinical Education in Phonatory Assessment and Intervention in Communication Sciences and Disorders
- Music classrooms and concert equipment
- Expanding Access to Digital Technology and Upgrading Equipment for Digital Art Instructional Space
- MakerBot Method 3D Printer
- Supporting Didactic Coursework and Student Experiential Learning in Acoustics, Signal Processing, Hearing Sciences, Phonetics and Speech Production Education.
- Percy Ellis Sutton SEEK Program: Expanding and improving student tech services
- Technology Upgrades for rooms 4105 & 5105 James Hall
- Request for upgrading the student-serving Art Department's computer lab 5207 Boylan.

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

D. Improve the mechanisms of communication to strengthen our reputation and identity.

- Campus Labs for Student Engagement

BROOKLYN COLLEGE TECHNOLOGY FEE ALLOCATIONS FY21

#1. FACILITATING ACCOMODATIONS THROUGH ASSISTIVE TECHNOLOGY

Proposer: Valerie Stewart-Lovell (Staff)
Initiative: New
Timeline: Immediate
Category: Acquiring or upgrading accessible technology
Cost: \$9,100
Objective: Facilitate and enhance equal access for Students with Disabilities through the use of assistive technology and equipment which supports this technology.
Summary: This request is for hardware (assistive pens & accommodation cards) and software (Dragon Naturally Speaking) to enhance the assistive technology for Disabled Student Services.
Assessment: Outcomes will be assessed through tracking students use of assistive technology and measuring academic success through retention and GPA.

#2. CAMPUS LABS FOR STUDENT ENGAGEMENT

Proposer: Jean-Baptiste Raymond, Hamilton (Staff)
Initiative: New
Timeline: Immediate
Category: Acquiring technology tools to support college-sponsored student activities
Cost: \$21,282
Project: Campus Labs for Student Engagement
Objective: To provide a greater opportunity for students to become engaged at the college. As research has shown, the more students are engaged with the institution, the greater the likelihood they will be retained.
Summary: With the power of Campus Labs, students can connect to meaningful and guided opportunities, easily manage and track their involvement, and showcase their impact with campus and community activities. Campus Labs also enables student clubs to effortlessly plan, organize, and promote events, easily track student participation at events and programs, hold online elections, and communicate more effectively with club members.
Assessment: With real-time analytics, comparative dashboards, and in-depth reports built into the system, we will be able to discover clear patterns and trends impacting student engagement. Then, seamlessly connect those insights to learning outcomes assessment and program review. We will also be able to track student usage of the system, students' level of engagement in co-curricular programming, level of activity by student clubs and organizations, as well as student sponsored events.

#3. IMACS IN INSTRUCTIONAL AND STUDENT SERVING COMPUTER LAB

Proposer: Spivey, Kelly (Staff)
Initiative: Continuing
Timeline: Immediate
Category: Implementing or upgrading of instructional computer labs
Cost: \$77,056
Project: Critical Upgrade - iMacs in Instructional and Student-Serving Computer Lab
Objective: The objective of this request is to ensure that film students have the latest, most up to date technology in order to learn how to edit and complete films.

Summary: This is a revolving computer lab upgrade for current 6-year old computers. Current installed computers are now over 6 years old and are outdated in terms of the necessary hardware requirements for post-production software and our incoming AVID Nexis Server so new computers are thus critical.

Assessment: About 275 Film Production majors will continue to be able to complete their film if the lab computers are able to support advanced workflows, ensure software compatibility and connectivity to our Avid Media Server.

#4. SMART PODIUM PROJECTORS

Proposer: Spivey, Kelly (Staff)

Initiative: Continuing

Timeline: Immediate

Category: Upgrading instructional spaces to support technology-assisted learning

Cost: \$11,934

Project: Smart Podium Projectors - Critical Upgrade for Classrooms

Objective: The objective is to promote a better learning environment and to increase student's understanding of what lighting should look like and to be able to easily follow the professor's instructions on various software.

Summary: The new Sony Laser projectors allow for a clarity that will improve learning objectives as lessons will be much easier to see.

Assessment: Clarity in projection of various media.

#5. EXPANSION OF WIFI COVERAGE

Proposer: Lilly, Anil (Staff)

Initiative: New

Timeline: July 2020 – Dec 2020

Category: Improving and implementing student services

Cost: \$150,000

Project: Expansion of Wi-Fi coverage in high density areas on campus

Objective: ITS is proposing a multi-phase project for expanding Wi-Fi service. First phase calls for Wi-Fi to be expanded in targeted areas that are the most utilized and trafficked areas by students.

Summary: The Wi-Fi access points proposed would provide needed coverage for students. BC and CUNY consider handheld devices a key component of its emergency notification systems, services by CUNY Alert, BC-STATUS alerts, and NYS alerts. These alerts are transmitted by SMS text and voice, and the ability for campus community members in every building to receive those signals is a key health and safety requirement.

Assessment:

Assessment will be via student satisfaction and problem reports submitted via online tools.

#6. UPGRADING SEMINAR CLASSROOMS

Proposer: Lilly, Anil (Staff)

Initiative: Continuing

Timeline: Jul 2020 – Jun 2021

Category: Upgrading instructional spaces to support technology-assisted learning

Cost: \$45,000

Project: Hardware replacements to support 16 Seminar Classrooms

Objective: ITS would like to replace outdated technology with more modern setups that will allow for easier usability and lower overhead in the future (maintenance & upgrades). The new setup will feature a height adjustable lectern with built in equipment rack which will include the

latest desktop computer connected to a wall mounted 65"-85" LCD. Each lectern will have cable connections for laptops and handheld devices. The stations will be configured similarly to our smart classrooms bringing a unified look and feel to these outdated learning spaces.

Summary: Modern technology will minimize disruption from attempting to utilize old and irreparable tech and will reduce instructor and student frustration. Utilization and interaction will increase as faculty make better use of the technology in their teaching.

Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools.

#7. INSTALLING A SMART CLASSROOM

Proposer: Florence, Namulundah (Faculty)

Initiative: Continuing

Timeline: Jul 2020 – Dec 2020

Category: Implementing or upgrading of instructional computer labs

Cost: \$10,000

Project: Installing a standard Smart Classroom

Objective: Convert a Kinesiology classroom to a Smart Classroom

Summary: Convert a Kinesiology classroom to a Smart Classroom

Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools.

#8. EXPANSION OF CELL AMPLIFICATION SIGNAL

Proposer: Samuel, Heneith (Staff)

Initiative: Continuing

Timeline: Immediate

Category: Improving and implementing student services

Cost: \$100,000

Project: Continued expansion of cell signal amplification throughout Ingersoll, Boylan, Whitehead, WQ, and SUBO.

Objective: In a multi-year project, "DAS" cell voice/data signal amplification has been installed in some buildings on campus. This proposal is to continue that expansion to address signal deficiencies in areas on campus.

Summary: BC and CUNY consider handheld devices a key component of its emergency notification systems, services by CUNY Alert, BC-STATUS alerts, and NYS alerts. These alerts are transmitted by SMS text and voice, and the ability for campus community members in every building to receive those signals is a key health and safety requirement.

Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools.

#9. ENHANCING CLINICAL EDUCATION IN CASD

Proposer: Yan, Seung-yun (Faculty)

Initiative: New

Timeline: Immediate

Category: Acquiring or upgrading accessible technology

Cost: \$9,024

Project: Enhancing Clinical Education in Phonatory Assessment and

Objective: The project will offer students a comprehensive, state-of-the-art clinical training experience, consistent with the academic programs' adherence to the requisite knowledge and skills mandated by the Council on Academic Accreditation of the American Speech-Language Hearing Association.

Summary: With the requested technology (electroglottograph), students will be better equipped to analyze clinical symptoms, which will therefore facilitate students' learning process in the field.

Assessment: Student learner outcomes will be measured by: - the number and range of clinical sessions in which students will successfully utilize advanced technological applications; - the extent to which students will be able to self-evaluate the usefulness of technology within the clinical session; - progress in students' academic and clinical training in keeping with models of formative and summative assessment of instruction as required by academic accrediting agencies, such as the Committee on Academic Accreditation of the American Speech Language Hearing Association. - application of evidence-based practice in the evaluation of diagnostic and therapy outcomes.

#10. REPLACEMENT OF PROJECTION SCREENS FOR PIMA

Proposer: Krauss, Briggan (Staff)

Initiative: New

Timeline: Immediate

Category: Expand student access to current and emerging technology

Cost: \$4,000

Project: **Replacement of projection screen for PIMA #260**

Objective: The objectives of this STF request are to: 1) Replace our sorely deteriorated rear projection screen in our main classroom 130-C NE so that we can make full and best use of our main presentation and in-class performance space.

Summary: Replace the rear projection screen in the main classroom 130-C NE (aka The PIMA Lab).

Assessment: PIMA has a detailed outcomes assessment framework (it was the first program with fully-implemented OA at the College), and specific requirements of student work are clearly articulated course-by-course.

#11. MUSIC CLASSROOMS AND CONCERT EQUIPMENT

Proposer: Geers, Douglas (Faculty)

Initiative: Continuing

Timeline: Jul 2020 – Jun 2021

Category: Implementing or upgrading of instructional computer labs

Cost: \$20,990

Project: **Music Classrooms & Concert Equipment #261**

Objective: New equipment for the new Music Technology Track Curriculum.

Summary: Equipment to be used in the new Music Technology track of our BA program in Music, which is set to happen in fall 2020.

Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools. We will also request student feedback on usage of other rooms for recording purposes. We will request student assessments of the facilities and their experience with them. We will also engage with students during course instruction, to learn their opinions of our choices and get their input on further steps we might take to enhance and optimize their instruction. And we will review course evaluations for courses that use the technologies to assess how successful their integration is.

#12. EXPANDING ACCESS TO DIGITAL TECHNOLOGY AND UPGRADING EQUIPMENT FOR DIGITAL ART INSTRUCTIONAL SPACE

- Proposer:** Otitigbe, Eto (Faculty)
- Initiative:** New
- Timeline:** Immediate
- Category:** Expand student access to current and emerging technology
- Cost:** \$6,495
- Objective:** Purchase a MakerBot Method 3D Printer. The 3D printer allows students to create objects with complex geometries that could not be realized using traditional sculpture tools. The printer has unique specifications that allow students to generate a wide array of 3D printed projects. The MakerBot 3D Printer has a large build volume and fine resolution.
- Summary:** For Polymedia Lab: The Makerbot Method 3D Printer is a next-generation fabrication tool used to create advanced 3D sculptural projects. This is a part of a new polymedia initiative that expands the facilities and learning opportunities of the Art Department at Brooklyn College. The Polymedia Lab will introduce graduate and undergraduate students to the synthesis of technology in 3D sculptural projects; making it possible for Brooklyn College students to participate in sectors of contemporary art practice that focus on the use of technology in sculpture and installation. The Polymedia Lab and associated courses remove barriers, such as access to equipment and technology, while serving as a space for applied research, innovation, and professional development. Students will be exposed to a range of digital fabrication tools and techniques for developing aesthetic experiences. Students will learn how to communicate their ideas using sketches, models, prototypes, written statements, and oral presentations. Students will also develop methods for analyzing and critiquing art and technology projects.
- Assessment:** Portfolio reviews, exhibitions, one-on-one, and group critiques.

#13. 3D PRINTING FOR THEATER

- Proposer:** Marsh, Victor (Faculty)
- Initiative:** New
- Timeline:** Immediate
- Category:** Acquiring or upgrading accessible technology
- Cost:** \$5,597
- Objective:** Scenic design, props design, costume design and other technical production students on both the Graduate and undergraduate will have training and access to operate the Makerbot Method as they create work for both classes and department productions. By having both the existing Replicator+ model we have currently and the Method, students will have more access and options to use this technology in a fair, timely manner.
- Summary:**
- Assessment:** The success of the Makerbot Method 3D drawing tablets will be assessed by the increased proficiency and integration of custom 3D printed models and other content into student work in the classroom and in realized department productions. With this second unit, we should see an increase in student electing to explore and utilize this technology on a daily/weekly basis. For outgoing students, the success of this investment in technology can be assessed by the effectiveness of their portfolio presentations beside similar students at other universities in our combined showcases here in NYC.

#14. COURSEWORK AND STUDENT EXPERIENTIAL LEARNING IN ACOUSTICS

Proposer: Avivi Reich, Meital
Initiative: New
Timeline: Immediate
Category: Faculty development of new or improved courseware
Cost: \$9,890
Project: Supporting Didactic Coursework and Student Experiential Learning in Acoustics, Signal Processing, Hearing Sciences, Phonetics and Speech Production Education.
Objective: To facilitate student understanding of concepts such as sound frequency, amplitude, sampling rate, room acoustics, phonetics and speech signals
Summary: allow students to practice operating technology used by clinicians, researchers and sound engineers.
Assessment: The use of the technology for education proposes will be assessed by a detailed log notebook which will be kept documenting each time the technology is signed out and for what use. The number of classes and lessons in which students will successfully utilize the technology to enhance learning. The extent to which students will be able to self-evaluate the usefulness of the technology during group and individual activities.

#15. EXPANDING AND IMPROVING STUDENT TECH SERVICES

Proposer: Padmaperuma, Don (Staff)
Initiative: New
Timeline: Immediate
Category: Implementing or upgrading student-serving computer labs
Cost: \$5,200
Project: Laptops & Projection Screen
Objective: Add additional laptops and projection screen for SEEK students
Summary: Equipping SEEK computer lab with portable projection screen and 10 more laptops
Assessment: Resource utilization using SEEK Tutortrac system.

#16. INSTALLING A SMART CLASSROOM

Proposer: Carmichael, Cheryl (Faculty)
Initiative: Continuing
Timeline: Jul 2020 – Dec 2020
Category: Implementing or upgrading of instructional computer labs
Cost: \$10,000
Project: Installing a standard Smart Classroom
Objective: Convert a Psychology classroom to a Smart Classroom
Summary: Convert a Psychology classroom to a Smart Classroom
Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools.

#17. INSTALLING A SMART CLASSROOM

Proposer: Carmichael, Cheryl (Faculty)
Initiative: Continuing
Timeline: Jul 2020 – Dec 2020
Category: Implementing or upgrading of instructional computer labs
Cost: \$10,000
Project: Installing a standard Smart Classroom
Objective: Convert a Psychology classroom to a Smart Classroom
Summary: Convert a Psychology classroom to a Smart Classroom
Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools.

#18. UPGRADE COMPUTERS IN ART DEPARTMENT LAB

Proposer: Kiel, Ronaldo (Faculty)
Initiative: Continuing
Timeline: Immediate
Category: Implementing or upgrading of instructional computer labs
Cost: \$20,000
Project: Upgrade Computers in Art Department Lab
Objective: Support for New Digital Art Concentration & New Courses - Art Dept
Summary: The implementation of the Digital Art Concentration has increased the demand for Digital art classes. All 6 current courses are being offered every semester. The first level course Art 28.11 has four sections and the second level course Art 28.12 has two, both are fully enrolled. These courses are part of the Art Department's commitment to developing undergraduate and graduate students interested in professional Digital Arts knowledge. The addition of new classes focusing on 3D character design and development is dependent on Autodesk Maya software and having hardware capable of delivering Arnold renderings in an effective time frame for class projects.
Assessment: Annual surveys and Student Satisfaction and problem reports submitted via online tools.

#19. FT STAFFING – ACCESSIBLE TECHNOLOGY SUPPORT

Initiative: Operational & Recurring
Timeline: Immediate
Category: Personnel for installation and maintenance of computer services
Cost: \$66,425
Project: Staffing
Objective: Full time staff to support accessible technology
Summary: 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.
Assessment: Annual survey

#20. FT STAFFING – INSTALLATION AND MAINTENANCE OF COMPUTER SERVICES

Initiative: Operational & Recurring
Timeline: Immediate
Category: Personnel for installation and maintenance of computer services
Cost: \$402,667
Project: Staffing
Objective: Full time staff to support instructional technology
Summary: 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.
Assessment: Annual survey

#21. PT STAFFING – INSTALLATION AND MAINTENANCE OF COMPUTER SERVICES

Initiative: Operational & Recurring
Timeline: Immediate
Category: Personnel for installation and maintenance of computer services
Cost: \$339,000
Project: Staffing
Objective: Full and part time staff to support instructional technology
Summary: 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: Annual survey

#22. SMART CLASSROOM UPGRADES

Initiative: Operational & Recurring
Timeline: Immediate
Category: Upgrading instructional spaces to support technology-assisted learning
Cost: \$200,000
Project: Replacement of existing computers, peripherals and smart classroom equipment on a planned replacement schedule.
Objective: 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.
Summary: 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
- Symposium 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, Symposium interactive display at podium to facilitate recording sessions, and annotating projected image.
Assessment: Annual survey

#23. COMPUTER LAB UPGRADES

Initiative: Operational & Recurring
Timeline: Immediate
Category: Implementing or upgrading student-serving computer labs
Cost: \$200,000
Project: Replacement of existing computer lab equipment on a planned replacement schedule.
Objective: Replacement and/or maintenance of existing lab computers, peripherals and classroom equipment.

Summary: New equipment for instructional technology support such as 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.

Assessment: Annual survey

#24. ACADEMIC NETWORK INFRASTRUCTURE

Initiative: Operational & Recurring

Timeline: Immediate

Category: Upgrading instructional spaces to support technology-assisted learning

Cost: \$150,000

Project: Upgrade, replace or renew network infrastructure and components

Objective: Maintain network infrastructure to support academic and operational continuity

Summary: Purchase or replacement of existing network infrastructure, including cabling, network switches, hubs, routers, UPS, and HVAC

Assessment: Operational continuity

#25. LIBRARY RESOURCES

Initiative: Operational & Recurring

Timeline: Immediate

Category: Electronic information resources in the library

Cost: \$350,000

Project: Digital Subscriptions & Electronic Journals

Objective: Renewal of latest digital subscriptions on a planned schedule.

Summary: The Brooklyn College Library will continue its subscriptions to digital collections and information services

Assessment: Annual survey

#26. SOFTWARE LICENSE FEES

Initiative: Operational & Recurring

Timeline: Immediate

Category: Implementing or upgrading student-serving computer labs

Cost: \$80,000

Project: Upgrade or renewal of classroom & lab software

Objective: Renewal of latest software subscriptions on a planned schedule.

Summary: 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.

Assessment: Annual survey

#27. SOFTWARE LICENSE FEES

Initiative: Operational & Recurring

Timeline: Immediate

Category: Improving and implementing student services

Cost: \$70,000

Project: Purchase, upgrade or renewal of student services software

Objective: Renewal of latest software subscriptions on a planned schedule.

Summary: Funds are used to license software improve or implement student services

Assessment: Annual survey

#28. UNIVERSITY WIDE INITIATIVES

Initiative: Operational & Recurring
Timeline: Immediate
Category: Purchase of Enterprise Solutions
Cost: \$1,200,000
Project: UWI
Objective: Funding of student serving university-wide initiatives
Summary: Funds will support university-wide initiatives
Assessment: Determined by University

#29. STRATEGIC TECHNOLOGY INITIATIVES

Initiative: Operational & Recurring
Timeline: Immediate
Category: Purchase of Enterprise Solutions
Cost: \$300,000
Project: Determined by STI Committee
Objective: Implementation of Brooklyn College strategic technology initiatives.
Summary: Determined by STI Committee
Assessment: Determined by STI Committee