



2020 - 2021 Student Technology Fee Plan

Prepared by:

Bronx Community College STF Committee



BCC Student Technology Fee Plan 2020 – 2021

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BCC Student Technology Fee Plan 2020 – 2021

July 1, 2020 – June 30, 2021

Student Technology Fee Committee - Voting Members

Michael Miller (Chair) Chief Librarian, Library

Faculty Representatives

Eric Carlson Communication Arts & Sciences

Tanweer Haroon Business and Info. Systems

Student Representatives

Anthony Cuevas SGA

Christian Davila SGA

Jeffrey Ewell SGA

Quiana Berry SGA

Administrative Representatives

Loic Audusseau CIO, Information Technology

Mr. Mark Lennerton Director Center for Teaching, Learning & Technology (CTLT)

Ex-Officio / Non-Voting Members

Luis Montenegro Dean, Academic Affairs

VP Kay Ellis Vice President, Administration & Finance

Ms. Wanda Santiago Director, Information Technology

BRONX COMMUNITY COLLEGE 2020-2021 TECH FEE PROJECTS MASTER LIST

Project Number	Project Name	New (N) or Continuing (C) Project	TF Funds Devoted to Project	PS Cost	OTPS Cost	Expenditure Category
1	Assistive Technology	C	12,000.00	-	12,000.00	2
2	Equipment LifeCycle: ACC Student-Serving Computer Labs	C	-	-	-	3
3	Software for ACC Labs	C	5,000.00	-	5,000.00	3
4	DegreeWorks	C	14,100.00	-	14,100.00	11
5	Electronic Portfolio System	C	40,000.00	25,000.00	15,000.00	4
6	Equipment LifeCycle: Campus LAN / Equipment for Students / PCs	C	200,000.00	-	200,000.00	1
7	Faculty Development	C	215,000.00	215,000.00	-	5
8	Center for Teaching, Learning & Technology	C	20,000.00	-	20,000.00	1
9	Student Internship (STA)	C	146,900.00	146,900.00	-	4
10	Student Internship (ITA)	C	246,900.00	246,900.00	-	4
11	Library Electronic Databases	C	190,000.00	-	190,000.00	6
12	Library (Laptop Loaner / Specialized Equipment Loans)	C	45,000.00	-	45,000.00	10
13	Personnel	C	140,000.00	140,000.00	-	7
14	Campus Service Center & Printing Solutions	C	81,000.00	-	81,000.00	4
15	BCC Software & Applications	C	258,503.00	-	258,503.00	4
16	Technology in Instructional Classrooms	C	60,000.00	-	60,000.00	8
17	BCC Proposals Approved by STF Committee	C	60,000.00	-	60,000.00	4
18 - 38	CUNY STI & UWI	C	763,613.82	-	763,613.82	11
TOTAL			2,498,016.82	773,800.00	1,724,216.82	

Project Count by Expenditure Category		
Cat. #	Expenditure Category Description	Total
1	Implementing or upgrading of instructional computer labs	2
2	Acquiring or upgrading accessible technology	1
3	Implementing or upgrading student-serving computer labs	2
4	Improving and implementing student services	6
5	Faculty development of new or improved courseware	1
6	Electronic information resources in the library	1
7	Personnel for installation and maintenance of computer services	1
8	Upgrading instructional spaces to support technology-assisted learning	1
9	Acquiring technology tools to support college-sponsored student activities	0
10	Expand student access to current and emerging technology	1
11	Purchase of Enterprise Solutions	2

Item #	Cat. #	BCC Budget Code	Bronx Community College Student Technology Fee Plan Three-Year Plan (FY21, FY22 & FY23)	Proposed Budget (2020-2021) FY 21 Year 1	Proposed Budget (2021-2022) FY 22 Year 2	Proposed Budget (2022-2023) FY 23 Year 3	TOTAL
BCC INITIATIVES (BCC)							
1	2	300 / 608	Assistive Technology Provide Hardware/Software for Students with Disabilities.	12,000.00	12,000.00	12,000.00	36,000.00
2	3	300	Equipment LifeCycle: ACC Student-Serving Computer Labs Upgrade the computer equipment in the Academic Computing Labs: FY21: ME G01, ME 225, ME 302, TSC Lounge	-	110,000.00	110,000.00	220,000.00
3	3	608	Computer Labs (ACC) Software for Labs - software for desktop protection, audio/video, editing, photo editing, musical hardware/software; tutorial simulation, screen recording, etc. in labs. <i>Academic departments using specialized software in the Academic Computing facilities must submit proposals for new or upgraded software.</i>	5,000.00	5,000.00	5,000.00	15,000.00
4	11	608	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.	14,100.00	14,100.00	14,100.00	42,300.00
5	4	608	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. In addition, two (2) tutors to provide support.	40,000.00	40,000.00	40,000.00	120,000.00
6	1	300	Equipment LifeCycle: Campus LAN / Equipment for Students / PCs Upgrade student-facing computers and mobile equipment campus wide.	200,000.00	200,000.00	200,000.00	600,000.00
7	5	PS	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 technology-supported instruction, and 2) to build departmental capacity for technology-based curriculum development.	215,000.00	65,000.00	65,000.00	345,000.00
8	1	300	Center for Teaching, Learning & Technology 1. Addition of hardware and software 2. Computer supplies & accessories for (15) classrooms in North Hall & Library.	20,000.00	20,000.00	20,000.00	60,000.00
9	4	PS	Institutionalize the Student Technology Assistant (STA) Working with Career Development, we recruit students, which meet the requirements, to participate in a paid internship. Students 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, STAs will be designated to work in various departments on campus.	146,900.00	146,900.00	146,900.00	440,700.00
10	4	PS	Institutionalize the ITT Mentor Programs (ITA) ITAs are trained in the use of instructional technologies and are then assigned to work with faculty and students. They provide technical assistance that help faculty and students with classroom and course activities utilizing educational technology.	246,900.00	146,900.00	146,900.00	540,700.00

Item #	Cat. #	BCC Budget Code	Bronx Community College Student Technology Fee Plan Three-Year Plan (FY21, FY22 & FY23)	Proposed Budget	Proposed Budget	Proposed Budget	TOTAL
				(2020-2021) FY 21 Year 1	(2021-2022) FY 22 Year 2	(2022-2023) FY 23 Year 3	
11	6	600	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.	190,000.00	190,000.00	190,000.00	570,000.00
12	10	300	Library (Laptop Loaner/ Specialized Equipment Loans) 1. Library Loaner Equipment (\$30,000) 2. Supplement Library computer supplies for support of students (\$15,000)	45,000.00	45,000.00	45,000.00	135,000.00
13	7	PS	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 Technology Service Center.	140,000.00	280,000.00	280,000.00	700,000.00
14	4	608	Campus Services & Printing Solutions Campus Services provides a central point for coordination and manages the Campus Card Program and monitors auxiliary and client service contracts including: duplicating/printing, virtual bookstore, CUNY store, food services, vending, print, transportation, parking pass, charging stations, etc. 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.	81,000.00	81,000.00	81,000.00	243,000.00
15	4	608	BCC Software & Applications Provide support for academic departments using software not covered under college-wide or university-wide licensing. YuJa - 15,000; Physics NI Acad. Simulation - 2,100; Scholarship Manager - 7,000; LANSchool - 10,000; YouVisit - 27,000; Survey Monkey - \$300; Athletics Website - 2,650; TutorTrac - 2,550; Titanium - \$10,000; Nursing Software - \$65,000; WebCape - \$2,200; Career Coach - \$13,000; ENVI Geospatial - \$12,048; eCOG Geospatial - \$3,000; StarFish - \$65,000; NetTutor Online Tutoring - \$14,000; Votenet Solutions eBallot - \$3,503	258,503.00	258,503.00	258,503.00	775,509.00
16	8	300	Technology in Instructional 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.	60,000.00	60,000.00	60,000.00	180,000.00
17	4	300	BCC Proposals Approved by STF Committee Institutional Innovation Funding for Special Projects approved by the Student Technology Fee Committee.	60,000.00	60,000.00	60,000.00	180,000.00

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				(2020-2021) FY 21 Year 1	(2021-2022) FY 22 Year 2	(2022-2023) FY 23 Year 3	
CUNY UNIVERSITY WIDE INITIATIVES (UWI)							
18	11	UWI	CUNY Enterprise Technology Initiatives (Adobe Enterprise Agreement)	39,925.33	39,925.33	39,925.33	119,775.99
19	11	UWI	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). Additional licenses include: Server products [Windows Server, SharePoint Server, SQL Server, Exchange Server; Visual Studio .Net for students & Visio. Access to educational materials and Microsoft premium support services is also included with this subscription license.	164,000.00	164,000.00	164,000.00	492,000.00
20	11	UWI	CUNY Enterprise Technology Initiatives (Academic Software) IBM SPSS: \$24,269 iParadigms: \$11,786 Maplesoft: \$2,362 MathWork: \$8,277	46,817.57	46,817.57	46,817.57	140,452.71
21	11	UWI	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.	71,704.47	71,704.47	71,704.47	215,113.41
22	11	UWI	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.	6,624.16	6,624.16	6,624.16	19,872.48
23	11	UWI	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.	7,872.26	7,872.26	7,872.26	23,616.78
24	11	UWI	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.	37,677.69	37,677.69	37,677.69	113,033.07
25	11	UWI	CUNY Ongoing Technology Expenditures (Blackboard) Blackboard Enterprise Licenses + Learning Objects + Collaborate	68,061.83	68,061.83	68,061.83	204,185.49
26	11	UWI	CUNY Ongoing Technology Expenditures (McAfee) McAfee Antivirus licensing for all desktops and laptops on campus (PC & Mac platform)	30,589.51	30,589.51	30,589.51	91,768.53

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27	11	UWI	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.	4,690.03	4,690.03	4,690.03	14,070.09
28	11	UWI	CUNY Strategic Technology Initiative (Network Build Out – Fiber / EdgeDevices) Expand fiber infrastructure and networking equipment to colleges; provide private, high-speed, redundant network connections to University services in the CUNY Data Center at Hudson Street and the internet.	88,212.57	88,212.57	88,212.57	264,637.71
29	11	UWI	CUNY Strategic Technology Initiative (Virtual Desktop Infrastructure) Deploy student access to virtual desktop and application stack; enhance access to computing environment for on-premise and remote users.	6,650.40	6,650.40	6,650.40	19,951.20
30	11	UWI	CUNY Strategic Technology Initiative (Enhance ADA Capabilities) Enhance college ADA services to provide an improved experience for individuals with disabilities.	788.00	788.00	788.00	2,364.00
CUNY STRATEGIC TECHNOLOGY INITIATIVES (STI)							
			CUNY STRATEGIC TECHNOLOGY INITIATIVES (STI) includes:	190,000.00	190,000.00	190,000.00	570,000.00
31	11	STI	CUNY Strategic Technology Initiative (University Federation & Single Sign-On) Implement a unified identity management system for utilizing Enterprise Active Directory (EAD) student services, enabling a single sign-on experience for applications and access at diverse campus locations.				-
32	11	STI	CUNY Strategic Technology Initiative (Online Document Storage (OneDrive & Full 0365))				-
33	11	STI	CUNY Strategic Technology Initiative (Mobile CUNY Platform)				-
34	11	STI	CUNY Strategic Technology Initiative (Enterprise Data Access)				-
35	11	STI	CUNY Strategic Technology Initiative (Business Intelligence & Analytics)				-
36	11	STI	CUNY Strategic Technology Initiative (Disaster Recovery - Cloud) Identify DR services for critical college applications with storage to be contained within the future CUNY Cloud; services may include email, college websites, document storage, and local applications.				-
37	11	STI	CUNY Strategic Technology Initiative (Enhance CUNY Enterprise Support Infrastructure - Service Desk)				-
38	11	STI	CUNY Strategic Technology Initiative (Fiber Ring) 1. Manhattan Mini Ring 2. Campuses Second Point of Entry				-
TOTAL				\$ 2,498,016.82	\$ 2,498,016.82	\$ 2,498,016.82	\$ 6,924,050.46



**CUNY Student Technology Fee Plan Fiscal Year 21
2020 - 2021**

BUDGET	Recurring Costs (if any) (Include maintenance costs amount here)		
	2020/21	2021/22	2022/2023
	9 Temp Lines	9 Temp Lines	9 Temp Lines
Staff Costs (List each position, title, salary and fringes) Academic Year (Summer 2020, Fall 2020, Spring 2021) Temps - IT Support Assistant	140,000.00	280,000.00	280,000.00
FALL / SPRING SEMESTERS College Assistants: <u>Student Internship Programs</u> Approx. 40 CAs @ an average hourly rate of 15.00 Academic Computing Labs Information Technology Center for Teaching, Learning and Technology - Labs Center for Teaching, Learning and Technology - Classrooms	393,800.00	293,800.00	293,800.00
Total Staff Costs	\$ 533,800.00	\$ 573,800.00	\$ 573,800.00
Consulting	0.00	0.00	0.00
Hardware, Software, Peripherals			
<i>Personal Computers/Servers/Laptops</i>	Quantity		
Computers for Academic Computing Labs (Diff. Brands/Models)	0	110,000.00	110,000.00
Desktops & mobile devices upgrades	200	200,000.00	200,000.00
<i>Printers/Scanners</i>	NA	NA	NA
<i>Routers/Switches/Wiring</i>	NA	NA	NA
Software (Provide product name, if known, and estimated cost)			
Software for Computer Labs	1	5,000.00	5,000.00
BB/Pharos	1	81,000.00	81,000.00
Software for Academic Departments	1	258,503.00	258,503.00
ePortfolio	1	40,000.00	40,000.00
Degreeworks	1	14,100.00	14,100.00
Library Electronic Databases			
Electronic Periodical Databases		190,000.00	190,000.00
Furniture		0.00	0.00
Construction		0.00	0.00
Faculty Development and Training			
Expansion of Faculty Development Program		215,000.00	65,000.00
Center for Teaching, Learning & Technology		20,000.00	20,000.00
Miscellaneous			
Media Equipment for Technology In Classrooms	16	60,000.00	60,000.00
Assistive Technology		12,000.00	12,000.00
Library Loaner Equipment & Supplies (Supplemental)		45,000.00	45,000.00
BCC Proposals Approved by STF Committee	1	60,000.00	60,000.00
CUNY University Wide Initiatives (UWI)			
Adobe Enterprise Agreement	1	39,925.33	39,925.33
MS Campus Agreement & Additional MS Products	1	164,000.00	164,000.00
Academic Software	1	46,817.57	46,817.57
Enterprise Security	1	71,704.47	71,704.47
RefWorks/RefShareShare	1	6,624.16	6,624.16
HPC Connectivity	1	7,872.26	7,872.26
CUNY Fiber Network (NyserNet)	1	37,677.69	37,677.69
Blackboard Distance Learning, Collaborate & Learning Obj.	1	68,061.83	68,061.83

		<u>2020/21</u>	<u>2021/22</u>	<u>2022/2023</u>
<u>McAfee</u>	<u>1</u>	30,589.51	30,589.51	30,589.51
<u>Technology & Business Research (Gartner)</u>	<u>1</u>	4,690.03	4,690.03	4,690.03
<u>Network Fiber Build Out; Campus Edge Connectivity Upgrade</u>	<u>1</u>	88,212.57	88,212.57	88,212.57
<u>Virtual Desktop (VDI)</u>	<u>1</u>	6,650.40	6,650.40	6,650.40
<u>Enhance ADA Capabilities</u>	<u>1</u>	788.00	788.00	788.00
<u>CUNY Strategic Initiatives (STI)</u>	<u>1</u>	190,000.00	190,000.00	190,000.00
<u>University Federation & Single Sign-On</u>				
<u>Online Document Storage (OneDrive & Full 0365</u>				
<u>Mobile CUNY Platform</u>				
<u>Enterprise Data Access</u>				
<u>Business Intelligence & Analytics</u>				
<u>Disaster Recovery - Cloud</u>				
<u>Enhance CUNY Enterprise Support Infrastructure - Service Desk</u>				
<u>Fiber Rings: Manhattan Fiber Ring & Campuses Second Point of Entry</u>				
TOTAL		2,498,016.82	2,498,016.82	2,498,016.82



Student Technology Fee Plan

College: Bronx Community College

Project Name: Assistive Technology (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Office of disAbility

Proposed Budget: \$ 12,000.00

Description of Project (attach additional sheets if necessary)

Item #1: Category 2

Provide Hardware/Software for Students with Disabilities. We have received several requests regarding software upgrades in the ACC computer labs, Library/Learning Center and Writing Center. BCC must be ADA compliant.



Student Technology Fee Plan

College: Bronx Community College

Project Name: Computer Labs (Continuing Project)

Expected Start Date: 7/1/2020 Expected End Date: 6/30/2021

Person Responsible for Project: Wanda Santiago

Proposed Budget: \$ 145,000.00

Description of Project (attach additional sheets if necessary)

Item #3: Category 2

Multimedia Hardware/Software for Labs - software for desktop protection, audio/video, editing, photo editing, musical hardware/software; tutorial simulation, screen recording, etc. in labs. Academic departments using specialized software in the Academic Computing facilities must submit proposals for new or upgraded software.

Item #13: Category 7

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 Technology Service Center.



Student Technology Fee Plan

College: Bronx Community College

Project Name: DegreeWorks (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Registrar's Office

Proposed Budget: \$ 14,100.00

Description of Project (attach additional sheets if necessary)

Item #4: Category 11

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.



Student Technology Fee Plan

College: Bronx Community College

Project Name: ePortfolio System (Continuing Project)

Expected Start Date: 7/1/2020 Expected End Date: 6/30/2021

Person Responsible for Project: Albert Robinson / Jordi Getman

Proposed Budget: \$ 40,000.00

Description of Project (attach additional sheets if necessary)

Item #5: Category 4

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.



Student Technology Fee Plan

College: Bronx Community College

Project Name: Campus LAN / Equipment for Students / PCs (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Luisa Martich / VP Ellis

Proposed Budget: \$ 200,000.00

Description of Project (attach additional sheets if necessary)

Item #6: Category 1

Upgrade student-facing computer facilities and mobile equipment campus wide.



Student Technology Fee Plan

College: Bronx Community College

Project Name: Faculty Development / CTLT (Continuing Project)

Expected Start Date: 7/1/2020

Expected End Date: 6/30/2021

Person Responsible for Project: Mark Lennerton / Albert Robinson

Proposed Budget: \$ 235,000.00

Description of Project (attach additional sheets if necessary)

Item #7: Category 5

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.

Item #8: Category 1

Center for Teaching, Learning & Technology

1. Addition of hardware and software
2. Computer supplies & accessories for (15) classrooms in the New Building



Student Technology Fee Plan

College: Bronx Community College

Project Name: STA / ITA Internships (Continuing Project)

Expected Start Date: 7/1/2020 Expected End Date: 6/30/2021

Person Responsible for Project: Wanda Santiago / Albert Robinson

Proposed Budget: \$ 393,800.00

Description of Project (attach additional sheets if necessary)

Item #9: Category 4

Student Technology Assistant (STA)

Working with Career Development, we recruit students, which meet the requirements, to participate in a paid internship. Students 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, STAs will be designated to work in various departments on campus.

Item #10: Category 4

Instructional Technology Assistants (ITA)

ITAs are trained in the use of instructional technologies and are then assigned to work with faculty and students. They provide technical assistance that help faculty and students with classroom and course activities utilizing educational technology.



Student Technology Fee Plan

College: Bronx Community College

Project Name: Library (Continuing Project)

Expected Start Date: 7/1/2020 Expected End Date: 6/30/2021

Person Responsible for Project: Michael Miller

Proposed Budget: \$ 235,000.00

Description of Project (attach additional sheets if necessary)

Item #11: Category 6

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.

Item #12: Category 10

1. Library Loaner Equipment
2. Supplement Library computer equipment for support of students



Student Technology Fee Plan

College: Bronx Community College

Project Name: Campus Service Center & Printing Solutions (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Frank Giglio / Luisa Martich

Proposed Budget: \$ 81,000.00

Description of Project (attach additional sheets if necessary)

Item #14: Category 4

The Campus Service Center (CSC) coordinates auxiliary and campus services to provide seamless access to services and products and to provide a student campus experience that rivals an “away” experience. The center, which officially opens in Fall 2018, provides a central point for coordination and manages the Campus Card Program and monitors auxiliary and client service contracts including: duplicating/printing, virtual bookstore, CUNY store, food services, vending, print, transportation, parking pass, charging stations, etc. The CSC also hosts pop up services and programs and works with the Events Management team to host on-campus events.

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. Annual maintenance support for hardware/software.



Student Technology Fee Plan

College: Bronx Community College

Project Name: BCC Software & Applications (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Luisa Martich

Proposed Budget: \$ 258,503.00

Description of Project (attach additional sheets if necessary)

Item #15: Category 4

Provide support for academic departments using software not covered under college-wide or university-wide licensing.

- YuJa
- Physics NI Acad. Simulation
- ASAP CLA
- Scholarship Manager
- LANSchool
- YouVisit
- Athletics Website
- Nursing Software
- StarFish
- TutorTrac
- Career Coach
- ENVI Geospatial
- eCOG Geospatial
- StarFish
- NetTutor Online Tutoring
- eBallot



Student Technology Fee Plan

College: Bronx Community College

Project Name: Technology in Instructional Classrooms (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Mark Lennerton / Octavio Gomez

Proposed Budget: \$ 60,000.00

Description of Project (attach additional sheets if necessary)

Item #16: Category 8

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.



Student Technology Fee Plan

College: Bronx Community College

Project Name: Student Innovation Funding for Special Projects (Continuing Project)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: Luisa Martich

Proposed Budget: \$ 60,000.00

Description of Project (attach additional sheets if necessary)

Item #17: Category 4

Institutional Innovation Funding for Special Projects approved by the Student Technology Fee Committee.



Student Technology Fee Plan

College: Bronx Community College

Project Name: CUNY University Wide Initiatives (UWI) (Continuing Projects)

Expected Start Date: 7/1/2020 **Expected End Date:** 6/30/2021

Person Responsible for Project: CUNY / Luisa Martich

Proposed Budget: \$ 573,613.82

Description of Project (attach additional sheets if necessary)

10% of Tech Fee budget to be reserved for CUNY Enterprise Projects. Please see items categorized as CUNY Enterprise Initiatives (#18 – 30). Items are subject to change. **Category 11**

- Item #18:** Adobe Enterprise Agreement
- Item #19:** MS Campus Agreement + BCC Add-On Software (*Visio, Visual Studio, SQL CALs, Server products*)
- Item #20:** CUNY Enterprise Technology Initiatives (*Academic Software*)
- Item #21:** CUNY Enterprise Technology Initiatives (*Enterprise Security*)
- Item #22:** RefWorks/RefShare
- Item #23:** High Performance Computing Connectivity
- Item #24:** CUNY Fiber Network - Nysernet & Cablevision Back Up Network
- Item #25:** Blackboard Enterprise Licensing + Learning Object
- Item #26:** McAfee
- Item #27:** Technology & Business Research Tools (*Gartner*)
- Item #28:** Network Build Out - Fiber / Edge Devices
- Item #29:** Virtual Desktop Infrastructure
- Item #30:** (Enhance ADA Capabilities)



Student Technology Fee Plan

College: Bronx Community College

Project Name: CUNY Strategic Technology Initiatives (STI) (Continuing Projects)

Expected Start Date: 7/1/2020 Expected End Date: 6/30/2021

Person Responsible for Project: CUNY / Luisa Martich

Proposed Budget: \$ 190,000.00

Description of Project (attach additional sheets if necessary)

Projects selected and approved through the CUNY IT Steering Committee.

Item #31-38: Category 11

Item #31: University Federation & Single Sign-On

Item #32: Online Document Storage (OneDrive & Full 0365)

Item #33: Mobile CUNY Platform

Item #34: Enterprise Data Access

Item #35: Business Intelligence & Analytics

Item #36: Disaster Recovery - Cloud

Item #37: Enhance CUNY Enterprise Support Infrastructure - Service Desk

Item #38: Fiber Rings: Manhattan Fiber Ring & Campuses Second Point of Entry