The City College of New York

CCNY STUDENT TECHNOLOGY FEE PLAN

FY 2027

By

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TABLE OF CONTENTS

Background and Introduction....4

FY 2026-2027 Proposed Activities and Budgetary Allocations 5

FY 2025-2026 Key Achievement 7

Library Digital Subscriptions 15

University-Wide Tech Fee Investment Program(UWTIP) 17

Office of Information Technology (OIT) Tech Fee Maintenance & Licensing Costs....18

University-Wide Initiatives (UWI) 20

Updating Environmental Sensors for Organismic Biology (Bio 207) 21

Equipping School of Education Classrooms with STEM Learning Tools....22

Technology Expansion for Immigrant Student Center (ISC)....24

One-Stop Student Services Center Digital Signage Upgrade 25

Enriching & Expanding Digital Access to Archival Resources 27

CWE Student Laptop Loan Program Upgrade 29

Modernizing Active Learning Classrooms with VIA Wireless Presentation Technology....30

CCNY Navigate 360 Resource Center Equipment Modernization 32

Spectrophotometer Modernization in Biology Teaching Laboratories....34

Expanding Access to Library Materials through On-Site Scanners....36

Network Cabling Upgrade for the Artino Mathematics Tutoring Center 38

Projector Upgrades Across CWE Classrooms....39

Upgrading EDM Equipment to Support Time-Based & Interactive Media Courseswork....41

Modernizing Equipment Checkout with a Self-Service Automated Locker System 43

Expanding the Spitzer School of Architecture (SSA) Student Laptop Loaner Program....45

Upgrading Digital Imaging Technology to Support Biology Teaching and Research....46

Photograph Program Technology Refresh....48

iMac Desktop Replacement for MCA Computer Labs (SH 409 & SH 410) 51

Upgrading the Laptop Fleet in EAS Computer Lab Rooms MR 105/107....53

Expanding Student Access to Data Analysis and Visualization Technology in the Social Science Computing Hub....55

Expanding SSA Student Access to High-Performance Large Format Plotting Technology.....57
Expanding Wireless Internet Access Across the CCNY Quad.....60
Creating a Third Computer Lab Dedicated to Digital Game Design.....61
Printer Replacement and Color Printing Expansion Across The cITy Tech Center and Library Computer Labs 63
Phase 1 Desktop Computer Replacement Across Computer Lab and Library Facilities.....66
Student Technology Internship Program (STIP) 68
Student Technology Fee Advisory Committee Members.....74

Background

Since its founding in fall 2001, CCNY's Student Technology Fee Advisory Committee has guided more than two decades of strategic technology investment. Built on a cross-functional foundation of faculty, students, administrators, and IT professionals, the Committee was created with a straightforward but powerful mission: **ensure that every Student Technology Fee dollar directly advances the campus experience.**

Today, the Committee continues to evaluate, prioritize, and fund initiatives that keep CCNY at the forefront of educational technology — turning long-term vision into concrete, annual action. View our latest 2026-2027 Technology Fee Plan at https://www.ccny.cuny.edu/it/techfee to see how your contributions transform CCNY's tech infrastructure.

Introduction

The Technology Fee Committee has established two foundational principles to guide our investments:

1. The funds should be invested in ways that directly and positively impact the experience of students at the College

2. In the initial years, at least, the funds should be concentrated on a limited number of projects that are large enough to have significant visibility and effect.

From these principles, we've crafted four transformative goals:

Goal 1: Increase the number of students who can use new technology tools competently and creatively

Goal 2: Significantly expand faculty use of new technology tools within the College's classrooms and curricula

Goal 3: Enhance student access to new technology tools

Goal 4: Extend the learning and research resources the City College libraries make available electronically.

This strategic investment meets today's needs and prepares CCNY students for tomorrow's tech-driven world. Through these goals, we're not just upgrading technology but elevating education.

FY 2026-2027 Proposed Activities and Budgetary Allocations

The Technology Fee Committee has strategically allocated $4,193,557 for the upcoming academic year across 30 high-impact initiatives. Our selection process is focused on projects that:

1. Maximize Cross-Campus Impact Initiatives that benefit the widest array of students across all schools and divisions.
2. Elevate e-learning Access Programs that enhance digital education platforms, making higher education more accessible.
3. Foster Career Readiness Tools that equip students with cutting-edge skills, setting them up for post-graduate success.
4. Technologies that significantly reduce CCNY's carbon footprint

The 2026-2027 Tech Fee Plan is as follows:

Project Title	Cost
1. Library Digital Subscriptions	$259,187
2. CCNY University Wide Tech Fee Investment Program (UWTFIP)	263,000
3. Office of Information Technology (OIT) Tech Fee Maintenance & Licensing Costs	368,756
4. University-Wide Initiatives (UWI)	798,459
5. Updating Environmental Sensors for Organismic Biology (Bio 207)	1,621
6. Equipping School of Education Classrooms with STEM Learning Tools	2,717
7. Technology Expansion for Immigrant Student Center (ISC)	5,085
8. One-Stop Student Services Center Digital Signage Upgrade	5,385
9. Enriching & Expanding Digital Access to Archival Resources	6,142
10. CWE Student Laptop Loan Program Upgrade	7,662
11. Modernizing Active Learning Classrooms with VIA Wireless Presentation Technology	7,794
12. CCNY Navigate 360 Resource Center Equipment Modernization	8,820
13. Spectrophotometer Modernization in Biology Teaching Laboratories	17,608
14. Expanding Access to Library Materials through On-Site Scanners	19,464
15. Network Cabling Upgrade for the Artino Mathematics Tutoring Center	20,000
16. Projector Upgrades Across CWE Classrooms	20,454
17. Upgrading EDM Equipment to Support Time-Based & Interactive Media Courses	22,324
18. Modernizing Equipment Checkout with a Self-Service Automated Locker System	23,600
19. Expanding the SSA Student Laptop Loaner Program	23,770
20. Upgrading Digital Imaging Technology to Support Biology Teaching and Research	26,214
21. Photograph Program Technology Refresh	33,574

22. iMac Desktop Replacement for MCA Computer Labs (SH 409 & SH 410)	33,728
23. Upgrading the Laptop Fleet in EAS Computer Lab Rooms MR 105/107	34,650
24. Expanding Student Access to Data Analysis and Visualization Technology in the Social Science Computing Hub	38,515
25. Expanding SSA Student Access to High-Performance Large Format Plotting Technology	46,403
26. Expanding Wireless Internet Access Across the CCNY Quad	60,000
27. Creating a Third Computer Lab Dedicated to Digital Game Design	81,837
28. Printer Replacement and Color Printing Expansion Across The cITy Tech Center and Library Computer Labs	88,474
29. Phase 1 Desktop Computer Replacement Across Computer Lab and Library Facilities	226,385
30. Student Technology Internship Program (STIP)	1,641,929
Total	**$4,193,557**

Fiscal Year 2025-2026 Key Achievements:

FY 2025-2026 marked a period of significant transformation and strategic investment across the college 's academic and student service landscape. Through deliberate planning college-wide collaboration, and the successful stewardship of Tech Fee funding, our team delivered meaningful upgrades and modernized critical infrastructure that directly supports student success, faculty excellence, and institutional growth.

This year's achievements are organized across four core pillars

1. Learning Environment Transformation We modernized student computer labs, library facilities, and teaching laboratories, while upgrading smart classrooms campus-wide and the student loaner AV and laptop equipment program — creating dynamic, technology-rich environments that elevate the quality of instruction and hands-on learning for the entire campus community.

2. College-wide Software Continuity Renewal of critical software licenses ensured uninterrupted access to essential academic and administrative platforms, safeguarding productivity and reducing operational risk across all departments.

3. Investing in CUNY Strategic Funding & Innovation The successful securing of University-Wide Initiative (UWI) funding reinforced our commitment to long-term institutional advancement. These resources empowered the support of innovative, student-centric projects that foster collaboration, creativity, and real-world readiness.

4. CCNY Investment in Student Access to Digital Resources We expanded library digital resources, ensuring equitable access to technology and research tools for every student — regardless of background or circumstance. Additionally, modernized Student Services streamlined the campus experience, placing student needs at the forefront of every decision.

Through strategic Tech Fee investments, the Advisory Committee has directly equipped CCNY students with cutting-edge tools and resources — driving measurable improvements in academic performance, digital readiness, and campus-wide technological access.

Below are the 2025–2026 initiatives powering that impact:

- Office of Information Technology (OIT) Tech Fee Maintenance & Licensing Costs
- Library Digital Subscriptions
- CCNY University-Wide Tech Fee Investment Program
- University-Wide Initiatives (UWI)
- Revitalizing Experiential Learning in Physiology Laboratories
- School of Education Multimedia Center Computer Lab Upgrade

- One Stop Student Services Center Computer Replacement
- Upgrades the EDM Lab Media- Audio/Animation Technology
- Upgrading the Projection System- CUNY DSI Archives/Library Multi-User Space
- Technology Upgrades for the Art Education Program
- Photography Technology Upgrades Loaner Cameras
- Upgrading University Physics I (Phys 20700) Laboratory Workstations
- MCA Student Laptop Loaning Program Expansion
- Music Library Computers Upgrade
- Upgrading The Student Laptop Loaning Program & Classroom Projectors (CWE)
- Sonic Arts Center Computer Upgrade
- Upgrade The CADLab Computers at the SSA
- Technology Upgrade for the Art Dept. Visual Media Lab. CG-245A
- Student Technology Internship Program (STIP) – Included fringe benefit.
- Psychology On-line Asynchronous BA/BS Degree Recording Studio
- CCNY Urban Sustainability Hy-Flex Instructional Infrastructure

Using this year's Tech Fee allocation, we delivered the following outcomes:

1. Office of Information Technology (OIT) Tech Fee Maintenance & Licensing Costs

The OIT division sustained uninterrupted technology services for approximately 16,000 students by renewing more than 13 critical software licenses including PaperCut, Deep Freeze, Simplicity Career Services Management, WebCheckout, AVI-SPL Smart Learning Suite, and SysAid while modernizing several smart classrooms with next-generation Wireless Access Points and VIA Connect Pro presentation systems to elevate the academic experience.

1. Library Subscriptions

Continued renewing more than six college library digital subscriptions spanning thousands of peer reviewed journals, images, books, and conference proceedings from leading providers including Thomson Reuters, SciFinder, American Chemical Society, and Thieme. These invaluable resources equip approximately 16,000 students and researchers with the academic resources needed to produce rigorous scholarship and compete in a global economy.

2. CUNY Strategy Tech Fee Investment Program

We designated $256,000 from FY 2025 Technology Fee revenue to fund University-wide technology initiatives, ensuring sustained investment in campus wide infrastructure growth and innovation priorities.

3. University-Wide Initiatives (UWI)

The Office of Information Technology allocated $798,459 representing 22% of Technology Fee revenue to CUNY University-Wide Initiatives, ensuring full compliance with CUNY policy while directly supporting campus-wide programs that enhance student learning, advance research, and improve operational efficiency across all CUNY campuses.

5. Revitalizing Experiential Learning in Physiology Laboratories

The Office of Information Technology upgraded Biology 20700 Lab infrastructure for approximately 180 annual students by replacing two outdated Mac laptops and refreshing 11 PS-4200 series wireless sensors. Students use these laptops and sensors to conduct advanced environmental physiology experiments in lab and field settings, measuring water temperature, salinity, oxygen levels, and electrical conductivity.

6. School of Education Multimedia Center Computer Lab Upgrade

In partnership with the Office of Information Technology, the School of Education upgraded **4** high-use workstations in NAC Room 4/216 to iMac M4 systems (32GB RAM, 1TB storage), enhancing processing power and reliability for video editing workflows and student learning environments.

7. One Stop Student Services Center Computer Replacement

The One Stop Center is the university's central hub for academic and administrative services supporting approximately 16,000 undergraduate and graduate students. A comprehensive technology refresh replaced six aging workstations which no longer compatible with Windows 11 or Cortex XDR security requirements with modern Dell Precision 3680 Intel i7, 16GB RAM systems paired with large-format monitors, bringing the center into full compliance with institutional standards while giving staff the performance needed to serve students efficiently. The refresh also expanded the center's capabilities with two document scanners, a heavy-duty shredder, and ten noise-canceling headphones, equipping staff for the high-volume, fast-paced environment they operate in every day.

8. Upgrades the EDM Lab Media- Audio/Animation Technology

This year, in partnership with the Office of Information Technology, the department crossed a significant threshold establishing its first dedicated virtual reality teaching capability. Five Meta Quest 3 VR headsets and two high-performance Dell Precision workstations were deployed, bringing hands-on instruction in augmented, virtual, and extended reality (AR/VR/XR), 3D animation, and immersive media production into the curriculum for the first time.

Employers across the creative, technology, and media sectors are actively seeking graduates with fluency in mixed reality tools and workflows and the department is now positioned to deliver exactly that. Students will graduate not just familiar with these technologies, but practiced and confident in them, ready to enter fields that are still taking shape.

9. Upgrading the Projection System- CUNY DSI Archives/Library Multi-User Space

The CUNY Dominican Studies Institute Archives and Library had relied on a projection system more than a decade old, with cables routed across the floor, created both safety hazards and a visitor experience that fell short of the institute's standing. In partnership with the Office of Information Technology, the outdated system was replaced with a modern wireless presentation setup and a high-definition smart display eliminating cable hazards, sharpening visual clarity, and enabling fully interactive presentations accessible from any seat in the room. The upgrade also reduces long-term maintenance costs and improves energy efficiency, making it a sound investment well beyond the immediate improvements to safety and usability.

10. Technology Upgrades for the Art Education Program

The Art department partnered with the Office of Information Technology to fully modernize its three art labs, replacing systems that had become incompatible with current professional software, including Adobe Creative Suite. The refresh equips faculty and students with the same professional-grade tools used in industry practice. Key upgrades include:

- Instructor workstations: Three outdated laptops replaced with high-performance iMac M4 and MacBook Pro systems, restoring full compatibility with Adobe Creative Suite and specialized design software
- Print production: A dedicated HP color laser printer supports current digital art workflows, enabling in-lab output for the first time
- Classroom display: A Panasonic professional-grade 86" display and a 5,200-lumen projector replace outdated equipment, accurately rendering the color and visual detail central to art instruction
- Collaborative maker-space: A portable ultrawide display on a mobile cart expands flexible, student-driven project work across the lab

These upgrades eliminate a critical instructional gap and position the program's lab environments to support the department's curriculum for years to come.

11. Photography Technology Upgrades Loaner Cameras

The Photography Program offers more than 40 courses annually, including 25+ introductory sections in digital and analog formats, creating demand that students couldn't always meet on their own. A $20,695 investment in 20 digital cameras and accessories established a camera lending program, giving all enrolled students access to professional-grade equipment regardless of financial circumstance.

12. Upgrading University Physics I (Phys 20700) Laboratory Workstations

OIT refreshed a 14-unit computer lab serving 900+ students per year across 12–13 sections, replacing 12-year-old hardware no longer compatible with Windows 11 or institutional cybersecurity (Cortex XDR) requirements with Dell OptiPlex 7420 AIO workstations (Core i7, 16 GB RAM, 512 GB SSD), bringing the lab into full compliance and modernizing the student learning environment.

13. MCA Student Laptop Loaning Program Expansion

In partnership with the Office of Information Technology, MCA expanded its Student Laptop Loaning Program from 8 to 18 units **(**125% increase) by adding 10 MacBook Pro 14" (M4, 24 GB RAM, 512 GB SSD) laptops, directly supporting 117 students across Film (40), Advertising/PR (60+), and Journalism (17) programs that depend on industry-standard creative software including Adobe Photoshop, Premiere Pro, and InDesign.

14. Music Library Computers Upgrade

The Office of Information Technology replaced 15 iMacs in the Music Library that had reached end-of-life after more than a decade of service. The aging 2014 machines were no longer capable of running required Music Library software or meeting CUNY's cybersecurity and antivirus standards. All 15 units were upgraded to the latest iMac 24" M4 (10-core CPU/10-core GPU) and 16GB RAM/512GB SSD, ensure students and faculty have reliable, modern, and secure workstations.

15. Upgrading The Student Laptop Loaning Program & Classroom Projectors (CWE)

The Office of Information Technology refreshed 10 end-of-life laptops supporting the CWE laptop loan program. The replaced units were incompatible with the institution's Cortex XDR antivirus software and had reached end of support under Windows 10, creating significant cybersecurity vulnerabilities. They were replaced with the latest MacBook Air 15" (Apple M4, 16GB RAM, 512GB SSD), providing students with secure, modern, and high-performing devices that meet current institutional security standards.

OIT also upgraded six smart classrooms with 5,200-lumen projectors engineered for mixed-lighting environments. These professional-grade units deliver consistent, high-quality image clarity at any time of day, removing visibility barriers and creating a more effective and equitable learning environment for all students.

16. Sonic Arts Center Computer Upgrade

In partnership with the Office of Information Technology, the Sonic Arts Center completed a significant infrastructure upgrade across its specialized recording facilities — modernizing five of seven Music Audio Technology Studios and expanding mobile computing capacity for curriculum and open education initiatives. Five studios were refreshed with the latest Apple Mac Pro towers powered by

Apple Silicon, bringing substantially increased processing power, memory, and storage to support professional-grade audio production workflows:

- 1 unit — Apple Mac Pro with M3 Ultra (32-core CPU, 80-core GPU, 256GB RAM, 2TB SSD)
- 4 units — Apple Mac Pro with M3 Ultra (28-core CPU, 96-core GPU, 96GB RAM, 2TB SSD)

Five MacBook Pro laptops were also upgraded to support software testing, curriculum development, and the Open Education Resources Center:

- 3 units — MacBook Pro 14" (14-core CPU, 30-core GPU, 32GB RAM, 1TB SSD)
- 2 units — MacBook Pro 16" (14-core CPU, 40-core GPU, 32GB RAM, 1TB SSD)

Together, these upgrades represent a meaningful investment in both the physical infrastructure and instructional capacity of one of the department's most heavily used professional facilities.

17. Upgrade The CADLab Computers at the SSA

The Office of Information Technology replaced 22 aging workstations in the School of Architecture's CADLab with Dell Pro Max Slim i9 systems (32GB RAM | 1TB storage), directly supporting nearly 450 students. The outdated equipment had become incompatible with current versions of AutoCAD, Revit, and 3D rendering software required by the curriculum. This upgrade ensures students have access to industry-standard tools and positions the CADLab as a modern, competitive facility aligned with professional architectural practice.

18. Technology Upgrade for the Art Dept. Visual Media Lab. CG-245A

More than 800 students now have access to professional-grade technology that reflects the tools and standards of today's creative industries. This year, in partnership with the Office of Information Technology, the Digital Resource Hub completed a full hardware transformation — retiring nine-year-old iMac workstations and a thirteen-year-old Mac Pro, and replacing them with fourteen iMac 24" M4(24GB RAM | 1TB SSD | 10-core CPU) systems and two high-performance Mac Studio M4 ((14-core CPU | 32-core GPU | 24GB RAM | 1TB SSD) units capable of supporting advanced workflows in video production, photography, and digital design.

The upgraded systems are fully integrated with institutional security standards and current professional software, ensuring students develop real-world skills on the same technology used by industry professionals. A modernized film scanning system further strengthens the photography program's capacity to bridge analog tradition with contemporary digital practice.

28. Student Technology Internship Program (STIP)

Since 2002, the Student Technology Internship Program has been an essential force behind CCNY's daily technology operations supporting general computer labs, smart classrooms, AV services, equipment reservations, and technical assistance relied upon by hundreds of faculty and students every day.

This year, 42 student interns were placed across five divisions of the Office of Information Technology — providing classroom technology support, media reservations, Tier 1 service desk coverage, and Tier 2 & 3

campus-wide client services. In doing so, they kept the college's technology infrastructure running while building exactly the skills that employers in the technology sector mandate.

The program's impact extends well beyond graduation. Several STIP alumni have gone on to full-time roles within CCNY's IT department, at other CUNY institutions, and across the private sector — a track record that reflects more than two decades of turning student opportunity into professional careers.

The Office of information Technology anticipates completing the following projects by the end of summer 2026

1. Psychology On-line Asynchronous BA/BS Degree Recording Studio

As the Psychology Department prepares to launch fully asynchronous online BA and BS programs, a critical piece of infrastructure was identified and funded: a dedicated professional recording studio where faculty can create and update high-quality course content independently and on demand. A $11,609 Technology Fee investment has been approved to equip it with a high-performance workstation, high-definition camera, professional microphone, smart pen, and a versatile display system compatible with multiple delivery platforms. Initial equipment procurement is already underway, with the workstation and iPad purchased and remaining equipment in the final ordering phase.

The studio addresses a need that will only grow over time. Asynchronous online programs require regular content updates as new psychological research emerges and having an in-house, faculty-accessible facility means the department can respond to that need quickly, without relying on external production resources. The space will be managed by the Psychology Department, with faculty scheduling access through a departmental appointment system and staff available to ensure proper equipment use.

2. CCNY Urban Sustainability Hy-Flex Instructional Infrastructure

The Sustainability in the Urban Environment Program at CCNY received $50,000 from the Tech Fee funds to purchase essential equipment for modernizing their Shepard 375 classroom facility. This includes computer workstations, storage drives, a data server, multimedia hardware, and supporting equipment. The investment addresses two critical program objectives: (1) Creating a Hy-Flex learning environment aligned with our newly approved online curriculum status, providing portable Hy-Flex capabilities for sustainability faculty throughout the CCNY campus; and (2) Establishing the integrated computing infrastructure necessary for students to conduct cutting-edge, interdisciplinary urban sustainability research.

The implementation is already in progress. Initial Hy-Flex instructional equipment has been purchased and is being deployed, with remaining equipment procurement actively underway. Full deployment will position Shepard 375 as a modern, flexible teaching and research environment capable of supporting the program's expanding academic mission for years to come.

2027 CCNY Student Technology Fee Plan

1. Library Services–Database and Digital Subscriptions

A. **Please select one Category**: 2 – Continuing
B. **Who Proposed:** Faculty
C. **Person Responsible for Project(s):** Mario H. Ramirez

Telephone Number: **212-650-7188**
Email: mramirezihrer@ccny.cuny.edu

6=F Electronics Information resources in the library

College Department(s) Affected: Entire College

Impact on Students:

Digital subscriptions are integral to our students' academic success, enabling research both on campus and remotely. These resources are critical in fulfilling City College's mission. Our information literacy program teaches students to leverage these databases effectively, a skill they apply in off-campus research. Moreover, providing remote access to these resources ensures we meet federal mandates for accessible technology, enabling students with disabilities to complete coursework successfully.

Project Description:

The Library seeks to renew its Technology Fee funding to maintain critical online resources previously supported by this fund. These digital subscriptions provide essential academic support to our students and faculty. Brief descriptions of each resource are provided below:

1. **Thieme e-Journals**

   The Thieme journals are scholarly, peer-reviewed publications oriented toward senior or higher-level researchers. Thieme publishes over 100 scientific and medical journals, of which almost 40 are in English. Full text is available for four of these journals and tables of contents and abstracts are available for the others.

2. **Emerald Engineering and Management**

   The Emerald Engineering e-Journal collection comprises online access to the abstracts and full text of all the journals within Emerald's engineering, materials science and technology portfolio. It also features 120 Business and Management journals, all of which are peer-reviewed and full-text periodicals, plus reviews from the world's top 300 management journals in computer science, marketing, information sciences, and management.

3. **SciFinder Scholar**

   SciFinder Scholar is a comprehensive database that indexes the literature on chemistry and related sciences. It helps locate articles concerned with specific chemical substances and reactions. This is a cooperative purchasing arrangement between seven CUNY schools.

4. **American Chemical Society Online, 2020 subscription**

The American Chemical Society (ACS) publishes 38 journals and magazines covering all aspects of the science of chemistry. These ACS journals are scholarly, peer-reviewed publications oriented toward senior or higher-level readers. Full text is available for 33 of them. Index and abstract information are available for all of these publications. We use the CUNY-negotiated pricing arranged through NYSE.

5. **Springer Nature e-Books Collection**

We have access to 80,000+ eBooks. Almost all of these publications are scholarly and oriented toward seniors or higher-level students and researchers. These databases cover all areas of study with a concentration in the sciences and engineering.

2026 - 2027 Fiscal Year Budget:

Item Description	Cost
	Year 26 (2026 - 2027)
Library Digital Electronic Databases	
1.Thieme Medical e-Journals	$5,295
2. EBSCO (RILM Abstracts of Music Literatures)	5,546
3. Ebosco (Avery Index to Arch Periods, Art Index and AP Newsroom)	15,097
4.Emerald Management and Engineering e-Journal Collection	17,868
5.Ebsco/ SciFinder Scholar (eBooks Subscription Academic collection)	19,550
6. Cambridge Core -Lyrasis	36,389
7. American Chemical Society	36,614
8. Springer Nature e-Books Collection	112,828
Total	**$259,187**

2. CUNY Strategy Tech Initiatives Program (STIP)

A. **Please select one Category**: 2 – Continuing
B. **Who Proposed:** IT Steering Committee
C. **Person Responsible for Project(s):** Ken Ihrer, VP & CIO Info Tech

Telephone Number: **212-650-7400**
Email: kihrer@ccny.cuny.edu

11=K Purchase of Enterprise Solutions

College Department(s) Affected: Entire College

Project Description:

CCNY has reserved eight (8) percent of the total Technology Fee revenue for FY 2026 for the University to invest in university-wide technology initiatives. These initiatives are coordinated efforts across the CUNY system to address common goals and challenges. The total allocation is **$263,680.**

3. Office of Information Technology (OIT) Tech Fee Maintenance and Licensing Costs

A.Please select one Category: 2 – Continuing
B.Who Proposed: IT Steering Committee
C. Person Responsible for Project(s): Ken Ihrer, VP & CIO Info Tech

Telephone Number:	**212-650-7400**
Email:	kihrer@ccny.cuny.edu

11=K Purchase of Enterprise Solutions

College Department(s) Affected: Entire College

Impact on Students:

The Office of Information Technology is responsible for maintaining and supporting the operations of the City College networking infrastructure and campus-wide student resources, which include:

- General Students' Computer Labs (i.e. Tech Center Computer Lab), Undergraduate and Graduate Student labs, as well as the Science, Education, Mechanical Engineering, and Music Libraries
- Service Desk, Client Services, Instructional Technology, and i-Media Support Services and campus-wide licenses and hardware for students' use.

Project Description:

The Office of Information Technology (OIT) is requesting $357,025 from the College's Technology Fee Budget to cover recurring costs to pay for campus-wide licenses, hardware, and audio/video for all available smart rooms, and general computer labs equipment and supplies.

Some of the essential services, which benefit the entire student population, include:

1. Hardware and peripheral support and maintenance agreements for student-centric devices and annual maintenance for AV equipment/accessories in classrooms, charging stations, etc.
2. Campus-wide license agreement extensions and maintenance dedicated for student use. This includes annual maintenance updates, software releases and security software encryption:

   Sibelius Ultimate, Deep Freeze, Paper Cut Manager Plus, LabStats, Digital Signage, QLess,

   Fleet Tracking System, Aruba wifi access point license renewals, Citrix Xen Desktop, Comodo SSL Certificate, Jamf Pro, Bomgar, Web-Checkout, SysAid, Chatbot, Smart Learning Suite for smartboards, LaNDesk Patch Management, etc.

3. General student computer labs' supplies (such as toner, paper, printer maintenance kits, etc.), computer lab replacement parts (such as keyboards, mice, printers, Charge Stations, etc.) which are located in:
   i. Tech Center and Center for Worker Education, Undergraduate and Graduate general use computer labs
   ii. Service Desk (Student Support Center)
   iii. Kiosks in the Administration, School of Engineering, Marshak Science, and North Academic Center (NAC) buildings
   iv. Music and Science Libraries printers for students.
   v. Center for Worker Education (CWE)

vi. 2026 - 2027 Fiscal Year Budget:

Item Description	Cost

	Year 26 (2026 - 2027)
1. General Computer Labs 's equipment/Accessories	**$13,000**
2. Smart classrooms/Reservation Desk equipment maintenance	**45,000**
3. General Labs Maintenance	
Books Scanner	$2,250
General Supplies	3,000
Paper	18,000
Toners & Maintenance kits	38,000
Sub-total	**$61,250**
4. Software Licenses	
SurveyMonkey	$ 468
Sibelius Ultimate	483
AVI-SPL- Smart Learning Suite	650
Digital Signage License	700
PaperCut Remote	1,500
Deep Freeze	2,000
SSL Certificate for wifi	8,109
LaBStats	8,168
Career Service Manager (CSM)	8,468
Bomgar Remote Access	8,795
Fleet Tracking System	9,000
SysAid	10,246
WebCheckout	11,124
Qless	21,056
Chatbot	22,739
LanDesk Patch Management	41,000
Wireless Licenses Support	95,000
Sub-total	**$249,506**
Total	**$368,756**

4.

University-Wide Initiatives (CUNY-UWI) Projects

A. Please select one Category: 2 – Continuing
B. Who Proposed: IT Steering Committee
C. Person Responsible for Project(s): Ken Ihrer, VP & CIO Info Tech

Telephone Number: **212-650-7400**
Email: kihrer@ccny.cuny.edu

11=K Purchase of Enterprise Solutions

College Department(s) Affected: Entire College

Project Description:

CCNY has reserved 25 percent of the total Technology Fee revenue to pay for University-Wide Initiative projects (CUNY-UWI). I am requesting $798,459 to continue funding the software listed below.

2026 - 2027 Fiscal Year Budget:

List of Software	Description	Year 26 (2026 - 2027)
SAS	SAS Core License	$ 2,943
Maple Inc	Mathematics for students	4,524
DropBox	Dropbox online files and services	10,473
SPSS	Statistics and Analysis	19,253
MathWorks	MATLAB	22,548
Turnitin	Plagiarism detection software	28,590
Adobe	Adobe ELA Enterprise Lic. Agreement	52,086
Coranet Corp	Cisco SmartNet: Hardware/Software	56,594
Microsoft	Microsoft A5 Enterprise Lic. Agreement	179,802
Blackboard	Collaborate Web & Learn	207,048
ELSEVIER BV	Periodicals/Subscriptions	214,598
Total		**$798,459**

5. Updating Environmental Sensors for Organismic Biology (Bio 207)

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 6. Faculty and Staff
C. Person Responsible for Project(s): Jhunior Morillo

Telephone Number: 212-650-8527
Email: Jmorillo@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

This proposal seeks to continue the revitalization of Biology 20700, ensuring our students have access to tools required for modern biological inquiry. This investment will ensure that our labs remain functional and academically relevant for at least the next decade.

III. Department(s)/division Affected:

Students within the Division of Science, the School of Engineering, and Post-Baccalaureate Healthcare program and Pre-Health Psychology.

III. Proposal's Purpose and Expected Beneficial Outcomes:

The primary purpose of this proposal is to complete the technological modernization of the Biology 20700 (Organismic Biology) curriculums by replacing antiquated hardware with integrated PASCO digital sensors. The beneficial outcomes include a significant increase in data accuracy and the ability for students to engage in high-level computational analysis of biological systems. By using these sensors, students will move beyond manual observations to generating sophisticated digital datasets, mirroring the workflows found in modern biomedical research and clinical environments.

IV. Impact on Students Across Schools and Divisions

This project directly serves approximately 300 students annually enrolled in Organismic Biology, yet its impact extends far beyond the Biology Department. Because Biology 20700 is a foundational requirement for various tracks, this equipment will benefit students within the Division of Science, the School of Engineering, and the CUNY School of Medicine. Specifically, students in the Post-Baccalaureate Healthcare program and Pre-Health Psychology majors utilize these laboratories to master physiological concepts tested on the MCAT and other professional entrance exams. Furthermore, the integration of wireless sensors with computer-based software provides Biomedical Engineering students with practical experience in digital signal processing and sensor calibration. By providing a standardized, computer-driven platform for data collection, we ensure that students from diverse academic backgrounds develop the technical literacy required for interdisciplinary collaboration in New York City's growing biotech and healthcare sectors.

V. Project Description

Modern biological inquiry extends beyond the benchtop. Students today must be able to collect, visualize, and analyze complex variables oxygen consumption, osmotic pressure, salinity in real time and in the field, away from traditional power sources. The PASCO sensors requested here are designed for precisely this kind of computer-integrated, mobile research, allowing students to feed raw environmental data directly into existing software and produce immediate, meaningful analysis.

The requested equipment addresses two connected needs. The Diffusion/Osmosis Apparatus and Wireless Pressure Sensors will enable digital monitoring of osmotic fragility a foundational concept in hematology and cellular physiology replacing a process that currently cannot be captured or analyzed computationally. The Wireless Oxygen Gas and Temperature Sensors will replace failing non-digital units, allowing students to graph metabolic rates in living organisms in real time directly from their laptops. Together, this equipment establishes a fully mobile, computer-oriented research station capable of supporting rigorous field and laboratory investigation. For a program committed to preparing students in contemporary biological methods, this is not merely an upgrade it is a necessary foundation for the kind of inquiry the discipline now demands.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Miscellaneous		**Year 25 (2026 - 2027)**
ME-6941 Replacement Osmosis Membranes, $36	2	$ 72
PS-3203 Wireless Pressure Sensor	1	105
ME-6940 Diffusion/Osmosis Apparatus	1	155
ME-6668 EcoZone System	1	155
PS-3201 Wireless Temperature Sensor, $69	3	207
PS-3606 Wireless Oxygen Gas Replacement Sensor, $60	4	240
PS-2195 PASPORT Salinity Sensor, $229	3	687
Total		**$1,621**

6. Equipping School of Education Classrooms with STEM Learning Tools

A. Please select one Category: 1. N (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Leonard Lewis, Doris Grasserbauer

Telephone Number: 212 650 7801/5795
Email: dgrasserbauer@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology
II. Department(s)/division Affected: School of Education Students

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of the proposal is to familiarize our students with STEM technologies and terminology which they will be expected to know when applying for positions in schools in New York City. The expected beneficial outcome will be that our students will be competitive in the job market.

IV. How your proposal will impact Students:

Our students need access to emerging technologies to remain competitive with peers in teacher education. Therefore, we ask for equipment regarding STEM education. We are seeking to acquire two (2) Stem pack - Classroom invention Literacy Kit (10 pk) and five (5) Micro:Bit v2 Club Kit - Go Bundle (10 pk. Students will learn how to create curriculum including computational thinking and literacy. For example, they will learn how to create robotics applications by using the program language Scratch. It is important in teacher preparation to understand how to utilize new, emergent technologies like virtual reality, augmented reality, artificial intelligence, and robotics as a teaching tool to create meaningful, engaging learning and teaching experiences. The use of the equipment will help to build awareness of the current state of robotics and how to prepare students to stay up to date on this and other new technology initiatives throughout their professional life. This fulfills one of the expectations of our accreditation body AAQEP. The acquired equipment will be housed in the School of

Education computer centers. This will ensure that the equipment will be available to all 1,200 students (1/3 undergraduate, 2/3 graduate) during open lab hours as well as during class sessions.

V. Project Description:

The department requests Tech Fee funding for two complementary technology kits that will equip teacher candidates with coding and computational literacy skills, directly advancing CITE program goals and fulfilling AAQEP Standard 1F requirements.

The Makey STEM Classroom Invention Kit introduces students to robotics and inquiry-based learning through hands-on, cross-curricular projects. Using Scratch as the coding platform, teacher candidates develop foundational coding skills while exploring how technology integrates across subject areas. The kit's compatibility with Chromebooks, Windows, macOS, and Linux systems ensures broad usability across school settings. The Micro: bit V2 Club Set extends that foundation, allowing students to deepen their understanding of how software and hardware interact. It functions independently of a computer, tablet, or phone, and supports Windows, macOS, iOS, and Android — making it adaptable to a wide range of classroom environments. Together, these materials give teacher candidates direct experience with the kind of flexible, platform-agnostic technology integration they will be expected to lead in their own classrooms.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Micro:Bit v2 Club Kit - Go Bundle (10 pk), $227.60	5	$1,138
Stem Pack - Classroom invention Literacy Kit (10 pk), $789.50	2	1,579
Total		**$2,717**

7. Technology Expansion for Immigrant Student Center (ISC)

A. Please select one Category: 1. N (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Ernest Pierre-Louis

Telephone Number: (212) 650-6250
Email: epierrelouis@ccny.cuny.edu

4=D Improving and implementing **student services**

II. Department(s)/division Affected:

Both undergraduate and graduate students who visited the Immigrant Student Center

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this proposal is to enhance the Immigrant Student Center's ability to provide technology-supported services, workshops, and programming for students. Updated equipment would improve advising, presentations, hybrid events, and access to resources, resulting in stronger student engagement and more effective support.

IV. How your proposal will impact Students:

The Center serves students from across the College, including immigrant, first-generation, undocumented, and mixed-status families representing multiple schools and divisions. Improved technology would expand the Center's ability to deliver inclusive programs and services that benefit a broad cross-section of the student body. We help students apply for In-State tuition if they qualify, NYS Dream Act and a host of other benefits that they may qualify for.

V. Project Description:

The Immigrant Student Center (ISC) serves immigrant, first-generation, undocumented, and mixed-status students across the College, providing direct assistance with in-state tuition applications, the José Peralta NYS Dream Act, residency verification, and other critical benefits. This work is document-intensive. Staff and interns routinely print and scan time-sensitive verification forms, applications, and supporting materials on behalf of students navigating complex and often urgent processes.

The Center currently operates with only two workstations shared between staff and student-facing work. As interns actively assist students through these processes, the lack of available devices creates wait times that slow service delivery and limit how many students the Center can reach each day. Staff have compensated by borrowing from the campus laptop loaner program an arrangement that is neither reliable nor sustainable for an office with consistent, high-demand needs. Acquiring two additional laptops and a color multifunction printer/scanner ($5,028) would eliminate this bottleneck, allowing the ISC to serve more students efficiently and without interruption; particularly during peak periods when application deadlines and verification timelines are most urgent.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Dell Pro intel i7|16GB|512 SSDTB| extended Wty.	1	$ 1,650
MacBook Air 15"M5|16GB|512 SSDTB| extended Wty	1	1,453
Sub-total		**$3,103**
Peripherals		
Brother Workhorse MFC-L8970CDW +toners		$ 958

635 XL Toners set		1,024
Sub-total		$1,982
Total		**$5,085**

8. One-Stop Student Services Center – Digital Signage Upgrade

A. Please select one Category: 1. C (Continuing Project
B. Please select one - Who proposed: 7. Students/Faculty & Staff
C. Person Responsible for Project(s): Naomi Nwosu-Stewart/Johanna Urena

Telephone Number: 212.650.6972/ 212.650.5844
Email: nnwosu@ccny.cuny.edu / jurena@ccny.cuny.edu

4=D Improving and implementing **student services**

II. Department(s)/division Affected:

The One-Stop Student Services Center within the Division of Enrollment Management (including the Admissions Office, Financial Aid Office, and Registrar's Office), along with the Division of Humanities & Arts, the Colin Powell School of Civic and Global Leadership, the Division of Science, the Grove School of Engineering, the Bernard and Anne Spitzer School of Architecture, and the School of Education, collectively serve all students enrolled at The City College of New York (CCNY).

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this proposal is to introduce digital signage in the One Stop to streamline communication and ensure students receive critical information in real time. This enhancement is expected to increase student engagement and positively impact retention outcomes.

IV. How your proposal will impact Students:

The One Stop Student Services Center serves as the centralized hub for student inquiries related to admissions, registration, financial aid, student accounts, and general student services. Our goal is to eliminate the runaround often experienced by students who must visit multiple offices, thereby reducing wait times, improving overall student satisfaction, and supporting retention through efficient, cohesive service delivery. Central to this mission is the ability to provide students with accurate, timely, and consistent information. Currently, important updates and information are displayed to students via a TV monitor at the front desk. However, this system is operated through a desktop computer that lacks adequate security and does not support remote content management. As a result, the information can be easily accessed and potentially altered by anyone with access to the One Stop office. The implementation of a digital signage solution will ensure that only authorized personnel can manage and update content within a secure

platform. This will allow for real-time updates and the delivery of accurate, relevant, and timely information to students, ultimately enhancing communication and the overall student experience.

V. Project Description:

The Center is requesting funding from the CCNY Student Technology Fee to upgrade its current information display system to a modern digital signage platform. This enhancement will strengthen service delivery and establish the One-Stop as a dynamic, centralized communication hub delivering real-time updates on academic deadlines, campus events, and critical alerts ultimately improving student engagement and operational efficiency.

By providing clear guidance, accessible resources, and streamlined services, we aim to create an environment where navigating college processes is simple and intuitive, allowing students to focus on their academic goals, personal growth, and overall success without unnecessary barriers. Through this initiative, we seek to leverage technology to better serve both student needs and institutional effectiveness.

To support this effort, we are requesting funding to purchase a digital signage player and a new 55-inch TV, which is better suited for visibility and functionality than the current display. The larger screen will ensure that text and visuals are easily readable from a distance an essential feature for effective digital signage. Additionally, funding is requested for a compatible TV mount and HDMI cable to ensure proper installation and operation.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
AV Equipment /Projection Devices:		
Black Box iCOMPEL - digital signage player	1	$3,102
Panasonic TH-55SQE2W - 55" class LED-backlit	1	2,038
Sub-total		**$5,140**
Miscellaneous		
C2G Core Series 6ft HDMI Cable Ethernet - 4K HDMI 2.0		$ 10
Peerless SmartMount Tilt Wall Mount ST680P - kit	**1**	235
Sub-total		**$ 245**
Total		**$5,385**

9. Enriching and Expanding Digital Access to Archival Resources

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: **2**. Faculty

C. Person Responsible for Project(s): Sydney Van Nort

Telephone Number: (212) 650-7609
Email: svannort@ccny.cuny.edu

4=D Improving and implementing **student services**

Department(s)/division Affected:

As a resource available at the division of Archives and Special Collections at the Cohen Library, the scanner requested will benefit a substantial cross section of departments and divisions throughout the entire campus, as well as students and faculty from across CUNY.

III. Proposal's Purpose and Expected Beneficial Outcomes:

The intention behind this proposal is the expansion of access to historical resources to the wider research and student community at CCNY through ready digitization, and an increase in the knowledge of and use of the rich archival resources held at Archives and Special Collections at the Cohen Library. To some extent hidden, the digital availability of these resources will greatly increase student's understanding of the history of CCNY and Harlem, and enable their easier integration into student research and writing, as well as into their coursework.

IV. How your proposal will impact Students:

Currently, much of the archival resources at Archives and Special Collections are not digitized. The ability for students to digitize materials for coursework, research and academic projects will greatly expand their access to and understanding of the rich historical resources that are freely available to them on campus. Students will greatly benefit from an overheard scanner that allows them to scan materials for their coursework and research, and increase their use and engagement of wide-ranging historical resources on the history of CCNY and CUNY, and communities in Harlem, among many other topics.

V. Project Description:

Access to the rich historical holdings of the CCNY Libraries Archives and Special Collections division has been significantly limited in recent years due to insufficient funding for a robust digitization effort. While select collections have been digitized and made available through JSTOR Forum, the vast majority of research material spanning multiple disciplines remains largely inaccessible. The acquisition of an overhead scanner would directly address this gap, enabling students to digitize materials on-site for research purposes with ease.

The proposed system which is already in use at numerous libraries, including other CUNY institutions consists of the **ScannX OS4000**, a comprehensive all-in-one solution that includes:

- All-in-one 23"+ touchscreen PC, pre-loaded with ScanPerfect Standard Edition software

- CZUR ET Ultra Pro overhead scanner
- USB dock Metal security stand for the overhead scanner
- One-year ScannXtra Care Premium advanced exchange warranty

The ScannX OS4000 supports auto page flattening, digital thumb removal, and can scan books up to 11" x 17" and documents up to 18" x 14" making it well-suited for the varied formats found in archival collections. We are requesting funding for **one (1) ScannX OS4000 unit** for the Archives and Special Collections department.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
IPS AIO, i5|16GB|256 SSDTB| extended Wty. $2,300	1	$2,300
CZUR ET Ultra Scanner by ScannX, 40 MP	1	3,545
Sub-total		**5,845**
Miscellaneous		
Shipping and Handling		$ 297
Total		**$6,142**

10.CWE Student Laptop Loan Program Upgrade

A. Please select one Category: 1. C (Continuing Project)
B. Please select one - Who proposed: 2. Faculty
C. Person Responsible for Project(s): Elizabeth Matthews

Telephone Number: 212 203 8429

Email: ematthews@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected: CWE Students

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this proposal is to strengthen student success and instructional effectiveness within the Division of Interdisciplinary Studies (CWE) through targeted technology investments. Specifically, the request supports the replacement of obsolete loaner laptops. Continuing replacement these laptops will ensure students have reliable access to required technology. The expected outcomes include increased student access to coursework, fewer disruptions caused by technology barriers, enhanced visibility of instructional materials, and improved engagement in both online and in-person learning environments. By addressing these foundational needs, the proposed upgrades will

contribute to stronger academic performance, higher retention rates, and a more equitable and effective learning experience for all students served by CWE.

IV. How your proposal will impact Students:

Access to reliable technology is a critical determinant of student success, particularly in an environment where coursework is heavily online. Providing updated loaner laptops ensures that students facing unexpected technology barriers, such as device failure, loss, or financial constraints can continue participating fully in their courses without interruption. This support promotes equity by leveling the technological playing field, allowing all students to complete assignments, engage in virtual discussions, and access course materials in real time. Ultimately, the availability of modern loaner devices reduces the risk of missed deadlines, course withdrawal, and academic disruption, thereby strengthening student persistence, retention, and timely degree completion. While these initiatives are housed within CWE, their impact extends across schools and divisions due to the interdisciplinary nature of the programs and the diverse student population served. CWE courses enroll students from multiple academic programs, including those fulfilling general education requirements, degree completion pathways, and interdisciplinary majors. As a result, improvements in classroom technology and access to loaner devices benefit a broad cross-section of the student body, not just those formally enrolled in CWE programs. Students from various disciplines who take CWE courses will experience improved access to course materials, clearer instructional delivery, and fewer disruptions related to technology access.

In addition, the loaner laptop program provides flexible, short-term support that can benefit students across divisions who encounter unexpected technology challenges. Whether a student is completing coursework in another school while enrolled in a CWE class or relying on shared institutional resources, access to functioning technology is essential. Similarly, upgraded classroom projectors enhance the learning environment for any course or event hosted in CWE spaces, potentially supporting cross-departmental instruction and collaboration.

V. Project Description:

The Division of Interdisciplinary Studies (CWE) relies heavily on digital infrastructure to support its growing portfolio of online and in-person courses. However, existing resources are no longer sufficient to meet current demands. A significant portion of the loaner laptop inventory is outdated and incompatible with CCNY's system requirements, limiting the division's ability to provide students with functional, secure devices.

This proposal requests funding for six new Dell laptops to replace obsolete units in the loaner program. Each device will be configured to meet institutional IT standards, ensuring compatibility with required academic software, secure network access, and reliable performance for both synchronous and asynchronous coursework.

The loaner program offers both short-term and semester-based lending, providing critical support to students facing temporary or ongoing technology access challenges. Funding this

initiative will directly close an immediate technology gap strengthening both student access and instructional delivery across the division.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2026 - 2027)**
Dell Pro 14, i-5,16GB and 512 SSD, 3 yrs Wty. $1,277	6	
Total		**$7,662**

11. Modernizing Active Learning Classrooms with VIA Wireless Presentation Technology

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Henny Wong

Telephone Number: (212) 650-6265
Email: hwong@ccny.cuny.edu
8=H Upgrading instructional spaces to **support technology-assisted learning,** such as Smart Classroom

II. Department(s)/division Affected:

School of Education Students

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of the proposal is to provide the users of our smart classrooms with wireless connectivity to their laptops to be able to easily present their teaching and learning content on the interactive displays in the classroom. The expected beneficial outcome will be a smooth transition of presenters during class sessions.

IV. How your proposal will impact Students:

During class presentations, students benefit through the smooth transitions from the instructor's laptop to the individual students' laptops. Therefore, the learning experience for the student can be focused on the subject matter, and not the technology used to present material.

As a center for teacher preparation, New York State is uniquely progressive and rigorous in the requirements new teachers must meet to achieve licensure as a K-12 teacher. These include the demands that new teachers be prepared to use technology effectively in the classroom. All teacher certification applicants must demonstrate proficiency in using technology to document and analyze their own performance in the classroom. Teacher preparation students must demonstrate, through computer-based assessment, their skills in their content knowledge (in revised content examinations specific to their subject area) and their general pedagogical knowledge about student needs. Accreditation standards (through the Association for

Advancing Quality in Educator Preparation - AAQEP) also demand that students use classroom technology effectively to stimulate students and accommodate different learning style of the K-12 students they will encounter. The School of Education has a proud history of leading the way in using technology in the classroom and preparing our students to use these tools effectively in the classrooms in which they are employed. We must ensure students have the technology and tools they need to be successful as teachers.

Unlike other divisions, we are required to respond immediately to Regent's regulations that often give us no more than 6 months' notice on a change in teacher certification. That responsiveness is because Schools of Education are so clearly linked to a profession that is in the public service, but it puts us on a much more aggressive timeframe with respect to meeting these demands than it is the case in other divisions that are largely governed only by faculty dictates. It is important that we have assistance from the Tech Fee in meeting the technology demands, especially since our undergraduate and graduate students generate substantial dollars for the Tech Fee fund.

V. Project Description:

This proposal requests funding for nine (9) Kramer VIA Connect3 devices to be installed on classroom desktops in key pedagogical smart classrooms equipped with interactive or standard displays. Once in place, all 1,200 students will have shared access to this resource. The VIA Connect3 enables instructors and students to connect wirelessly to classroom displays, increasing flexibility and interactivity during instruction. Beyond convenience, this capability is pedagogically essential: teacher candidates are already participating in field experiences and student teaching in K-12 schools, where proficiency with technology including interactive displays, PCs, Macs, iPads, scanners, document cameras, and video recording equipment is increasingly a hiring criterion. Equipping our students with hands-on experience using these tools directly prepares them for the classrooms they are entering now and will lead in the future.

Continuing to rely on outdated technology places our students at a disadvantage and by extension, affects the hundreds of urban schoolchildren they are already instructing. This investment is not simply a classroom upgrade; it is a commitment to the professional readiness of our teacher candidates and the quality of education they will deliver.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Kramer VIA Connect3 Presentation Server Wi- Fi 5, $866 each	9	
Total		**$7,794**

12. CCNY Navigate 360 Resource Center Equipment Modernization

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 7. Students/Faculty & Staff
C. Person Responsible for Project(s): Naomi Nwosu-Stewart/Johanna Urena

Telephone Number: 212.650.6972/ 212.650.5844
Email: nnwosu@ccny.cuny.edu / jurena@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology

II. Department(s)/division Affected: All Undergraduate and Graduate Students

III. Purpose of the Proposal and Expected Beneficial Outcomes

The purpose of this proposal is to support and strengthen the CCNY Navigate360 Resource Center, recently established to advance CCNY's and CUNY's shared commitment to student success, equity, and timely degree completion. The Resource Center provides demonstrations, training, and ongoing support for the Navigate360 platform, a key system used to promote proactive advising, early alerts, and coordinated student support. This initiative directly aligns with CUNY and CCNY strategic priorities focused on improving retention, persistence, and graduation rates through data-informed, student-centered practices. The anticipated outcomes include increased institutional capacity to use Navigate360 effectively, improved cross-functional collaboration among advisors, faculty, and student service professionals, and more consistent, high-quality student engagement. By strengthening staff and faculty proficiency with Navigate360, the Resource Center supports CCNY's goal of ensuring students receive timely, personalized, and equitable support throughout their academic journey.

IV. How your proposal will impact Students:

The CCNY Navigate360 Resource Center will have a broad impact on students across all schools and academic divisions by enhancing the effectiveness of student-facing services such as advising, academic support, and referrals. Through structured one-on-one and small group training opportunities, staff and faculty will be better equipped to use Navigate360 to identify student needs early, intervene strategically, and connect students with appropriate campus resources. This approach aligns with CUNY's emphasis on early intervention, coordinated care networks, and holistic student support models.

Furthermore, the Resource Center establishes a centralized and consistent approach to Navigate360 usage, ensuring that students receive comparable levels of support regardless of their program or department. This consistency advances CCNY's equity-driven goals by helping reduce service gaps, supporting underserved populations, and improving the overall student experience. As a result, students benefit from clearer communication, more responsive support structures, and stronger pathways to academic success.

V. Project Description:

The Navigate360 Resource Center is designed to serve as a hands-on training and support environment for staff and administrators working directly with student success tools. To function effectively, the Center requires dedicated equipment that supports both individual and group learning.

This proposal requests funding for three computer workstations housed in individual cubicles, enabling confidential one-on-one training as well as small group instructional sessions. These workstations are essential for allowing participants to engage with the Navigate360 system in real time reinforcing learning through direct, practical application rather than passive instruction. Funding is also requested for a large display screen with integrated video, audio, and camera capabilities to support presentations, live demonstrations, and hybrid or recorded training sessions. Together, these two components will allow trainers to deliver flexible, high-quality instruction that meets varied learning needs and schedules. This investment ensures the Navigate360 Resource Center remains a sustainable, high-impact space directly supporting CCNY's and CUNY's strategic commitment to leveraging technology for enhanced student support and institutional effectiveness.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
AV Equipment /Projection Devices:		
Black Box iCOMPEL - Digital Signage Player	1	$3,102
Panasonic TH-86CQE2U Series - 86" Class (85.6")	1	3,715
Sub-total		**$6,817**
Networking		
Kramer VIA Connect3 - Presentation server - Wi-Fi 5	1	$ 866
Infrastructure: Poly Studio USB Video Bar GSA TAA	1	892
Sub-total		**$1,758**
Miscellaneous		
C2G Core Series 6ft HDMI Cable Ethernet - 4K HDMI 2.0		$ 10
Peerless SmartMount Tilt Wall Mount ST680P - mounting kit	**1**	235
Sub-total		**$ 245**
Total		**$8,820**

13. Spectrophotometer Modernization in Biology Teaching Laboratories

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 6. Faculty/Staff
C. Person Responsible for Project(s): Jhunior Morillo

Telephone Number: 212-650-8527
Email: Jmorillo@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected:

Students within the Division of Science, the School of Engineering, and Post-Baccalaureate Healthcare program and Pre-Health Psychology.

III. Proposal's Purpose and Expected Beneficial Outcomes:

The primary purpose of this proposal is to modernize the analytical capabilities of the Biology Department's teaching laboratories by acquiring two ThermoScientific GENESYS 150 Vis/UV-Vis Spectrophotometers (Catalog #14-385-353) and their accompanying 8-Position Multi-Cell Holders (Catalog #14-385-374). This project aims to replace antiquated and failing equipment with high-resolution, computer-integrated technology. By transitioning to this spectrophotometer, students will gain the ability to perform high-throughput kinetic assays and, for the first time in our teaching labs, measure DNA concentrations via UV light. The expected outcome is a significant increase in the technical literacy of our students, ensuring they are trained on industry-standard hardware that mirrors the computational and analytical environments they will encounter in professional research and clinical settings.

IV. Impact on Students Across Schools and Divisions

This acquisition represents a critical investment in the STEM infrastructure of the college, directly impacting approximately 1,500 students annually. While housed in the Biology Department, these instruments serve as a foundational resource for a diverse student body. The equipment is a core requirement for students in Fundamentals of Biology I (Bio 101), Organismic Biology (Bio 207), Cell and Molecular Biology (Bio 229), and Biotechnology (Bio 483). Furthermore, it supports specialized cohorts in the Post-Baccalaureate Healthcare program and the City College Initiative to Promote Academic Success in STEM (CiPASS), providing equitable access to high-end technology for transitional students.

Beyond the Division of Science, this project fosters interdisciplinary collaboration. Students from the Department of Psychology and the Department of Chemistry rely on these biological labs for foundational coursework. Additionally, students from the School of Engineering, specifically those in Biomedical, Civil, and Computer Engineering, are required to take Biology 101 and utilize these spectrophotometers to understand the interface between biological data and computational analysis. By providing reliable, high-speed data acquisition, we ensure that students across all these disciplines can complete their laboratory requirements without the delays or data inaccuracies caused by our current failing hardware.

Our current spectrophotometer inventory is functionally obsolete, restricted to the visible spectrum and unable to support the molecular biology protocols that are now standard in undergraduate science education. This proposal requests funding for the GENESYS 150 UV-Vis

Spectrophotometer, which expands measurement capabilities into the ultraviolet range (190nm–1100nm) enabling students to quantify DNA and RNA concentrations for the first time in our labs. This upgrade directly addresses a significant curricular gap. Students enrolled in Fundamentals of Biology I (Bio 101), Cell and Molecular Biology (Bio 229), and Biotechnology (Bio 483) currently have no way to perform essential nucleic acid quantification protocols in-house. Integrating the GENESYS 150 into these courses ensures that hands-on molecular biology training is no longer a gap in their preparation.

To maximize throughput in a high-volume teaching environment, we are also requesting the 8-Position Multi-Cell Accessory. This attachment allows multiple samples to be processed simultaneously, significantly reducing the time required to complete enzyme kinetics experiments and increasing the number of students who can engage with the equipment during a single lab session.

The GENESYS 150 further supports computational learning through its high-resolution touchscreen interface and seamless data export via USB or Wi-Fi, allowing students to transfer raw data directly into laptops and statistical software for advanced modeling and analysis. This positions the equipment as both a laboratory instrument and a digital learning tool aligned with the Board's emphasis on technology-driven initiatives that prepare students for a modern scientific workforce.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2026 - 2027)**
GENESYS 150 Vis/UV-Vis Spectrophotometer, $8,401	2	**$16,802**
Miscellaneous		
8-Position Multi-Cell Holder Accessory, $403	2	**$ 806**
Total		**$17,608**

14. Expanding Access to Library Materials through On-Site Scanners

A. Please select one Category: 1. N (New Project)

B. Please select one - Who proposed: 2. Faculty

C. Person Responsible for Project(s): Mario Ramirez

Telephone Number: (212) 650-7188
Email: mramirez3@ccny.cuny.edu

4=D Improving and implementing **student services**

II. Department(s)/division Affected:

As a resource available at the division of Archives and Special Collections at the Cohen Library, the scanner requested will benefit a substantial cross section of departments and divisions throughout the entire campus, as well as students and faculty from across CUNY. All CCNY students and faculty have access to all divisions of the CCNY Libraries and their resources.

III. Proposal's Purpose and Expected Beneficial Outcomes:

This proposal aims to expand student access to course materials by placing commercial-grade scanners at three CCNY library locations — the Music Library, the Architecture Library, and the Cohen Library. By enabling students to securely scan textbooks and other required materials, this initiative directly reduces the financial barriers that can impede course completion and long-term student success.

Distributing scanners across these three locations ensures that students across disciplines have convenient, equitable access to digitization tools where they already study and conduct research. Beyond supporting Zero Textbook Cost goals, this investment strengthens the libraries' capacity to deliver course materials in multiple accessible formats meeting diverse student needs and reinforcing CCNY's broader commitment to inclusive academic support.

IV. How your proposal will impact Students:

Commercial-grade scanners will give students fast, reliable access to the course materials, research sources, and academic resources they need without the financial burden of purchasing or copying texts. By enabling students to digitize materials on demand across the Music, Architecture, and Cohen Libraries, this initiative supports affordability, reduces barriers to course completion, and ensures that students across all disciplines have equitable access to the tools essential for academic success.

V. Project Description:

Student demand for reliable, commercial-grade scanning at the CCNY Libraries has grown steadily over recent years. Beyond meeting this immediate need, upgraded scanning infrastructure directly supports the College's commitment to Zero Textbook Cost (ZTC) lowering financial barriers to student success by expanding access to course reserves, reference materials, and other instructional resources without requiring students to purchase copies. By placing textbooks and supplementary materials on reserve and pairing them with modern scanning options, the libraries can meaningfully reduce one of the most persistent obstacles students faces: the cost of accessing the materials required to complete their coursework. This proposal requests $19,464 in funding for three (3) ScannX Model 8000 Flexi Flat Bed scanners, already in use at numerous libraries across the CUNY system. Each unit features:

- An 11" x 17" scan surface with beveled edge
- An all-in-one 23" PC and the latest ScannX ScanPerfect software
- Direct-to-account scanning (Google Drive, Dropbox, Microsoft OneDrive)

The system automatically logs users out after each session, safeguarding personal account credentials and any sensitive information on scanned documents eliminating a common privacy risk associated with public computers.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
IPS AIO, i5|16GB|256 SSDTB| extended Wty. $2,300	3	$ 6,900
ScannX Flexi Flat Bed Scanner: 8000+ Wty $3,990	3	11,970
Sub-total		**$18,870**
Miscellaneous		
Shipping and Handling		$ 594
Total		**$19,464**

15. Network Cabling Upgrade for the Artino Mathematics Tutoring Center

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 2. Faculty
C. Person Responsible for Project(s): David John

Telephone Number: 212-650-5152
Email: djohn1@ccny.cuny.edu

3=C Implementing or upgrading **student-servicing** computer Labs

II. Department(s)/division Affected:

Division of Science, Grove School, Colin Powel, School of Education, Division of Humanities and the Arts, School of Architecture (SSA).

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this project is to upgrade the existing network cabling infrastructure in the Artino Math Lab Center to ensure stable, high-speed connectivity for all workstations and devices. The current cabling is almost 20 years old(outdated) and no longer capable of supporting the bandwidth demands of modern academic software, cloud-based applications, and the volume of simultaneous users the lab serves daily. This upgrade will establish a reliable

and scalable network foundation that supports both current needs and future technology growth.

IV. How your proposal will impact Students:

The Artino Mathematics Tutoring Center serves approximately 500 to 600 students each week, providing drop-in tutoring, scheduled appointments, exam review, independent study, and access to specialized mathematics software. The Center is a critical resource for students in the Division of Science and the Grove School of Engineering, as well as students across the college enrolled in required mathematics courses. Because gateway mathematics courses support degree pathways across virtually every program at CCNY, the Center's reach and the consequences of its underperformance extend far beyond any single department.

Yet the infrastructure supporting this high-traffic space is nearly 20 years old. Malfunctioning network jacks and ports are actively limiting the effectiveness of student-facing computers, disrupting access to online homework systems, cloud-based platforms, mathematics software, and other digital tools that students depend on to complete their coursework. For students already navigating the demands of rigorous STEM coursework, unreliable technology is not a minor inconvenience it is a barrier to academic progress. Upgrading the Center's cabling network will eliminate these disruptions, restore full functionality to its computer stations, and ensure that every student who walks through the door has dependable access to the resources they need. The impact will be immediate and broad: more reliable tutoring sessions, fewer technology-related interruptions, and a stronger foundation for course completion and academic success across the college.

V. Project Description:

The Center's cabling infrastructure can no longer reliably support the demands of a modern academic support environment. Several jacks and ports are malfunctioning, and persistent network limitations are degrading the performance of student-facing computers. As online homework systems, instructional software, cloud-based platforms, and multimedia learning tools become increasingly central to mathematics instruction, reliable connectivity is no longer optional it is essential.

This proposal requests $20,000 to upgrade the Center's network infrastructure through the installation of 4 Cat 6A lines and 40 Cat 6 lines, with redundant fiber uplinks. The work will be completed through the cabling vendor that regularly partners with the CCNY Project Management Office, ensuring institutional oversight and quality control. This investment is projected to deliver stable, high-performance connectivity for the next 10 to 15 years reducing connectivity failures, extending the useful life of the space, and ensuring that students have dependable access to the digital tools necessary for success in mathematics and related disciplines.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Networking		**Year 25 (2026 - 2027)**

Run 4 Cat 6A lines and 40 Cat 6 lines		
Total		**$20,000**

16. Projector Upgrades Across CWE Classrooms

A. Please select one Category: 2. **C** (Continuing Project)
B. Please select one - Who proposed: 2. Faculty
C. Person Responsible for Project(s): Elizabeth Matthews

Telephone Number: 212 203 8429
Email: ematthews@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected: CWE Students

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this proposal is to complete the final phase of classroom projector upgrades. Classroom projectors enable students to enhance their learning experience during in person, hybrid and online classrooms (classes that are videotaped for students). This initiative ensures students have reliable access to required technology and improving the quality of in-class instructional delivery. The expected outcomes include increased student access to coursework, fewer disruptions caused by technology barriers, enhanced visibility of instructional materials, and improved engagement in both online and in-person learning environments. By addressing these foundational needs, the proposed upgrades will contribute to stronger academic performance, higher retention rates, and a more equitable and effective learning experience for all students served by CWE.

IV. How your proposal will impact Students:

Upgrading classroom projectors directly enhances the learning experience by ensuring that all instructional materials are clearly visible, regardless of ambient lighting conditions. Improved visibility supports student comprehension, focus, and engagement, particularly in courses that rely on detailed visual content such as slides, videos, and live demonstrations. When students can easily see and follow along with presented material, they are more likely to be able to retain information, participate in discussions, and connect concepts in real time. As such, these upgrades contribute to a more inclusive and effective learning environment, ultimately supporting stronger academic performance and overall student success.

V. Project Description:

Effective instruction depends on technology that works and in several classrooms at the CWE campus, it currently does not. Low-lumen projectors that struggle under standard daytime lighting conditions are limiting faculty's ability to deliver course content clearly and

undermining student engagement in the process. Without targeted investment, these barriers to participation and learning will persist. This proposal requests funding for the purchase and installation of six NEC PE506UL projectors (5,200 lumens) to complete the final phase of classroom upgrades at CWE. These high-brightness, laser-based units are engineered for consistent image quality across varied lighting environments, reduced maintenance requirements, and long-term reliability making them a sound and sustainable investment for the institution. Replacing the underperforming projectors will have an immediate and measurable impact: clearer visuals, fewer instructional disruptions, and a classroom environment where both faculty and students can focus on learning rather than working around technology limitations. As the final phase of a broader upgrade initiative, this investment brings CWE's classrooms to a consistent standard supporting improved learning outcomes, student retention, and overall instructional effectiveness across the campus.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
AV Equipment /Projection Devices		**Year 25 (2026 - 2027)**
CHIEF MINI PROJ Mount Universal White, $198	6	$ 1,188
Da-Lite model C/W 54x96, $715	6	4,290
NEC NP-PE506UL - LCD projector, $2,496	6	14,976
Total		**$20,454**

17. Upgrading EDM Equipment to Support Time-Based and Interactive Media Coursework

A. Please select one Category: 2. C (Continuing Project)
B. Please select one - Who proposed: 6. Faculty & Staff
C. Person Responsible for Project(s): Art Jones

Telephone Number: 212-650-7095
Email: ajones1@ccny.cuny.edu

10=J. Expand student access to current and emerging technology

III. Department(s)/division Affected:

Art Department — Electronic Design and Multimedia (EDM)
The Department of Art serves over 600 declared majors, of whom approximately 375 are enrolled in the BFA in Electronic Design and Multimedia or the BA in Digital Design Concentration (including CUNY BA students and Art minors). EDM courses also draw students from Studio Art, Media and Communication Arts, Computer Science, and Architecture. The program has a strong record of supporting double majors, with students combining EDM with fields such as Biology, Computer Science, Music, and Gaming.

IV. How your proposal will impact Students:

The design industry is evolving rapidly, and EDM students must be equipped to evolve with it. As time-based media animation, motion graphics, and live-action video becomes increasingly central to professional design practice, the EDM program has revised its curricula to reflect these shifts and better prepare students for the realities of a competitive, technology-driven field. This proposal directly supports that commitment by ensuring students have access to the tools the expanded design world demands: video, sound, digital illustration, and virtual technologies. The stakes are high and the outcomes are proven. EDM students have secured internships at some of the most respected names in the industry Pixar, HBO, Marvel Comics, Google, Nickelodeon, Facebook, the Sci-Fi Channel, Sports Illustrated, Time, Rolling Stone, and Viacom and recent alumni are now employed at NBC Universal/Peacock, Condé Nast, The Wall Street Journal, Penguin Random House, Dow Jones, Discovery Channel, Scholastic, Fast Company, and the United Nations. These placements are a direct result of the strong portfolios students build through hands-on experience with industry-standard technology.

That pipeline depends on access. Students cannot build competitive portfolios or compete for the internships and careers that follow if they are working with outdated or insufficient tools. This investment ensures that EDM students remain equipped to pursue opportunities as graphic designers, illustrators, animators, and creative programmers, and that CCNY continues to produce graduates who are recognized, recruited, and thriving across the design industry.

V. Project Description:

This proposal requests funding for professional media equipment — including mirrorless cameras, audio recorders, 3D scanners, light tables, flatbed scanners, and a laser printer — to be deployed across EDM teaching labs, classrooms, and the new maker space under construction in CG-124.

The majority of this equipment will be housed in the CG-124 maker space, which will be accessible to all Art Department students upon completion. This shared, open-access model maximizes the reach and impact of the investment, ensuring that as many students as possible benefit from hands-on experience with professional-grade tools. Access to this equipment is essential preparation for an industry that has fundamentally changed. The rise of social media, streaming platforms, and time-based media has expanded what employers expect of entry-level designers' graduates are now expected to arrive with a wide-ranging, cross-disciplinary skill set that spans visual design, audio, motion, and fabrication. By equipping students with the tools and hands-on experience to meet these demands, this investment directly advances EDM's mission of preparing graduates who are competitive, versatile, and ready to contribute from day one.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Peripherals and Cameras		**Year 25(2026 - 2027)**
HP Color LaserJet Ent. M751dn Laser Printer,	1	$3386
Panasonic Lumix G100D Mirrorless camera kit, $748	6	4,488
Sub-total		**$7,874**

AV Equipment /Projection Devices:		
Zoom H1essential 2-Track 32-Bit Portable Audio Recorder, $110	6	$ 660
SMART Technologies SMART Board MX (V5)	1	2,821
		$3,481
Miscellaneous/Accessories/Supplies		
Audio Cables, $18	10	$ 180
Behringer XENYX 802S Analog 8-Input Mixer $99	2	198
Shure SM57-LC Dynamic Instrument Microphone, $98	4	392
SD cards + card readers, 80	10	800
Dell 24" P2425H Monitor, $170		850
Reflecta LED Light Pad A4 Super Slim, $192	6	1,152
Creality Falcon2 Pro Enclosed Laser Engraver and Cutter	1	2,000
Accessory: Toner cartridges + Paper Tray	1	2,197
Structure Sensor 3 for iPad, $800	4	3,200
Sub-total		**$10,969**
Total		**$22,324**

18. Modernizing Equipment Checkout with a Self-Service Automated Locker System

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 7. Students/Faculty & Staff
C. Person Responsible for Project(s): Kelli Crosby

Telephone Number: 212-650-5928
Email: kcrosby@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology

II. Department(s)/division Affected:

This project will support students, faculty, and staff across all academic schools/Division and administrative divisions at CCNY by expanding access to shared instructional technology resources.

III. proposal's purpose and expected beneficial outcomes

Currently, every equipment loan requires a staff member to be present — a model that creates bottlenecks during peak periods and limits when and how students can access the tools they need. This project eliminates that constraint by integrating WebCheckout reservations with a smart locker

system that allows students to retrieve and return equipment independently via an assigned locker compartment, on their own schedule.

This operation decreases waiting times, staff are free from manual transaction processing and can focus on higher-work. It will also improve both compliance and turnaround. And because the system logs every transaction, access history, check-out and return times, user activity inventory accountability is built in. IVM's service program covers system connectivity, remote monitoring, and full warranty protection for normal wear and tear, ensuring the infrastructure remains reliable without placing additional maintenance burden on internal staff.
The result is a self-sufficient, scalable system that expands access to instructional technology, strengthens operational oversight, and positions the institution to grow its equipment program without growing its administrative overhead.

IV. How your proposal will impact Students:

This project will significantly improve students' access to essential technology resources by removing the limitations associated with in-person service hours. Many CCNY students rely on loaner equipment such as laptops, iPads, calculators, and accessories to complete coursework, attend classes, and participate in academic activities. However, access is currently restricted to the operating hours of the iMEDIA Reservation Desk (8:00 am to 5:00pm), which may not align with students' academic, work, or personal schedules.

By implementing a secure locker system through IVM's SmartSync solution, students will be able to retrieve and return equipment outside of standard business hours, including evenings and weekends. This expanded access will directly support students enrolled in hybrid, evening, and weekend courses, as well as those balancing multiple responsibilities. The project will reduce delays in obtaining critical resources, minimize disruptions to coursework, and promote greater academic continuity. Additionally, this initiative will create a more equitable access model by ensuring that students across all divisions have consistent and timely access to shared technology resources. Students without reliable personal devices or those experiencing unexpected technical issues will benefit from a more flexible and dependable support system, ultimately improving engagement and academic outcomes.

V. Project Description:

The Office of Information Technology is requesting funding to modernize iMEDIA's equipment lending program by replacing its current manual reservation desk with an automated smart locker system — giving students 24/7 access to loaner technology on their own schedule, including evenings and weekends when staff are unavailable.

The proposed solution uses IVM's SmartSync platform: one primary locker tower and one secondary unit, integrated directly with the existing WebCheckout reservation system. Students reserve equipment online, then retrieve or return it independently using secure, authenticated access. No staff interaction required. The system handles laptops, iPads, calculators, HDMI cables, and adapters the full range of loaner technology students currently depend on to complete coursework and attend class. IVM's SmartHub management platform provides real-time monitoring, usage reporting, and remote oversight, giving OIT full visibility into inventory

and loaner activity without adding manual tracking burden. The two-unit configuration is designed to scale as demand grows.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Secondary SmartSync Locker Unit	1	$ 8,300
SmartSync Locker Tower	1	10,700
Sub-total		**$19,000**
Miscellaneous		
Shipping and crafting		$ 1,600
Warranties		3,000
Sub-total		**$4,600**
Total		**$23,600**

19. Expanding the Spitzer School of Architecture (SSA) Student Laptop Loaner Program

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Jason Garcia

Telephone Number: (212) 650-7307
Email: jgarcia8@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology

II. Department(s)/division Affected:

470+ Architecture students and Student Clubs (NOMAS, AIAS, ASLA, CCNY Green, GARC, Engineers Without Borders, Freedom by Design)

III. Proposal's Purpose and Expected Beneficial Outcomes:

SSA has a laptop loaner program that has proven to be successful and beneficial for our students. We have however noticed during these last two semesters that we are getting a significantly large amount of request for the use of loaner laptops. This is occurring because, although many of our students work multiple jobs, they still do not have enough money to purchase their own laptops or pay for materials needed to succeed in their course work. This expansion aims to address the

current shortfall in available devices, as all existing laptops are consistently reserved for the full semester, limiting access for other students in need.

This investment will significantly improve equitable access to high-performance computing resources for Architecture students. By increasing the total fleet size, more students will be able to reserve laptops for long-term academic use, reducing barriers to completing coursework that relies heavily on resource-intensive applications such as CAD, BIM and 3D modeling tools. Additional laptops will also: Enhance student productivity and academic performance by ensuring reliable access to required technology; Reduce dependency on physical labs, supporting flexible and remote learning environments; Improve overall student satisfaction and experience within the program; Support enrollment retention by ensuring students have the tools necessary to succeed and allow the school to better scale technology resources in alignment with growing demand

IV. How your proposal will impact Students:

The SSA serves over 470 + students, all of them rely heavily on high performance computing from design software such as AutoCAD, Revit, Rhino, Adobe Creative Suite, and other graphic and resource intensive applications. Currently, SSA maintains a fleet of 17 high performance laptops (Dell Precision Series) available through the SSA-CCNY LibCal reservation system. Due to high demand**,** all our current devices were reserved at the beginning of this semester for the entire Spring semester**,** leaving many students without access to necessary computing resources. By expanding the fleet, this project will Increase access to expensive enterprise licensed software; Support equitable learning opportunities; Reduce dependency on physical lab spaces; Enable flexible, mobile learning environments; Enhance flexibility for students outside of CADLab hours; Improve student productivity and academic performance

V. Project Description:

This proposal requests funding to expand the existing SSA laptop loaner program through the acquisition of: 10 Dell Pro Max 16 Mobile Workstation Laptops and 10 Dell Laptop Bags. These Laptops will be configured to support Architecture and Design software, including, but not limited to CAD and BIM applications (AutoCAD, Revit); 3D modeling and rendering tools (Rhino, Lumion); and Adobe Creative Cloud applications.

The devices will be Integrated into the existing SSA LibCal reservation system, which will be available for short term and long-term student loans. Preconfigured with expensive licensed enterprise academic software. This expansion builds on an already highly utilized and successful program, ensuring immediate impact.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Dell Pro Max 16/16XE, i9|32GB|1TB| extended Wty. $2,289	10	**$22,890**
Miscellaneous		
Dell Pro Premium EcoLoop Briefcase – CC 7625, $88 each	10	**$ 880**

Total		**$23,770**

20. Upgrading Digital Imaging Technology to Support Biology Teaching and Research

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 6. Faculty/Staff
C. Person Responsible for Project(s): Bao Vuong

Telephone Number: 212-650-8563
Email: bvuong@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected:

Division of Science: Biology and Chemistry/Biochemistry; Grove School of Engineering: Biomedical Engineering

III. Proposal's Purpose and Expected Beneficial Outcomes:

Biology and Biochemistry laboratory courses require documentation of data to analyze DNA, RNA, or protein, which are resolved on agarose gels, SDS-PAGE, and immunoblots, more commonly known as western blots. Currently, students in courses, such as Bio 22900 (Cellular and Molecular Biology) and Bio 48300 (Laboratory in Biotechnology), capture images of their agarose gels, Coomassie-stained SDS-PAGE gels, or film-based immunoblots with their smart phones. Similarly, students in Bio 24900 (Microbiology for the Health Professions) capture images of bacterial growth on petri dishes using their smart phones.

IV. Impact on Students Across Schools and Divisions

This proposal seeks to purchase a cutting-edge imaging tool that will be used by hundreds of students and researchers at CCNY each year. To improve the students' ability to capture scientific data, the Biology Department proposes the purchase of the ThermoFisher iBright Imager CL1500, which has been quoted at $26,214 (see the attached quote). The iBright will enable the standardization of the aforementioned data collection and teach students how to utilize modern scientific equipment that is standard in biomedical research. The iBright CL1500 simultaneously elevates CCNY laboratory courses to the professional standards of scientific research at other academic and research institutions, such as Columbia University and Memorial Sloan Kettering Cancer Center, and prepares them for the research workforce. The iBright CL1500 will be used all year because the aforementioned courses are taught throughout the calendar year. Bio 22900 is taught every semester and during the extended summer session. Bio 24900 is taught every semester. Bio 48300

is taught during the winter session. Other Division of Science lab classes, such as Chem 32004 (Biochemistry Laboratory), may also utilize the iBright for student data collection.

V. Project Description:

The Biology Department requests the purchase of a ThermoFisher iBright Imager CL1500 (quoted at $26,214) to meaningfully enhance students' ability to capture, analyze, and interpret scientific data. The iBright CL1500 is a state-of-the-art imaging system featuring an onboard computer and advanced digital imaging technology designed for professional biomedical research. It is the standard imaging platform used at leading academic and research institutions — including Columbia University and Memorial Sloan Kettering Cancer Center — making it the ideal tool for preparing CCNY students to enter a competitive research workforce and better understand biological principles.

The iBright will enable the standardization of the aforementioned data collection and teach students how to utilize modern scientific equipment that is standard in biomedical research. The iBright CL1500 simultaneously elevates CCNY laboratory courses to the professional standards of scientific research at other academic and research institutions, such as Columbia University and Memorial Sloan Kettering Cancer Center, and prepares them for the research workforce. The iBright CL1500 will be used all year because the aforementioned courses are taught throughout the calendar year. Bio 22900 is taught every semester and during the extended summer session. Bio 24900 is taught every semester. Bio 48300 is taught during the winter session. Other Division of Science lab classes, such as Chem 32004 (Biochemistry Laboratory), may also utilize the iBright for student data collection.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2026 - 2027)**
ThermoFisher iBright CL1500	1	**$25,213**
Miscellaneous		
Shipping and handles		**$ 1,001**
Total		**$26,214**

21. Photograph Program Technology Refresh

A. Please select one Category: 1. N (New Project)
B. Please select one - Who proposed: 6. Faculty / Staff
C. Person Responsible for Project(s): Patterson Beckwith & Roberta Dorsett

Telephone Number: 212 650 7411
Email: pbeckwith@ccny.cuny.edu rdorsett@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology

II. Department(s)/division Affected:

Art Department: Non-Major: students from departments throughout CCNY and School of Education

III. Proposal's Purpose and Expected Beneficial Outcomes:

The project's purpose is to provide the latest industry standard professional scanning equipment, update computers to students for use in the classroom and on class projects, to provide photo printing to students, and upgrade studio lighting equipment used in class and for projects. The expected beneficial outcomes are: Access to new technologies though Tech Fee helps City College students continue to be competitive. For all students in 24 sections of photography courses, access to new, industry-standard equipment supports post-graduate preparation, and supports students' lens-based career plans. In our field, proficiency in the latest workflows and with contemporary equipment is an essential job qualification.

IV. How your proposal will impact Students:

In the CUNY system, CCNY's photography program is among the most comprehensive. City College offers twelve different courses, including special topics courses, at least 25 100-level introductory courses (digital and analog), and numerous advanced offerings. There are over 40 photography class sections offered each year at City College. There are several upper-level courses in photography, including Studio Lighting, Alternative Process, Large-format photography, and Photography Portfolio and Projects. Photography courses are available for both majors and non-majors in the Art Department.

Over 25 years have passed since major improvements were made to the Photography Area facilities, and much of the equipment is outdated. As a result of our 2025-2026 technology fee, we have begun to update our facilities, most recently by acquiring digital cameras which we loan to students who can't afford their own in introductory classes but many of the necessary tools and equipment are still lacking. To give photography students the opportunity to work with industry-standard equipment, we are requesting funds for computers, a new professional scanning station, a printer, lighting equipment, and some associated peripherals. Having this type of experience is extremely important for students enrolled in the Photography program because it is essential for their post-graduate preparation for graduate school and their career plans. The proposal aims to address the deficits accumulated over the past few years due to years of austerity and to make CCNY's photography programs more competitive. To provide our students with the necessary technology for their education.

we are requesting a new industry-standard scanning setup that uses a Medium Format camera and a copy stand, new studio lighting equipment – a "gobo kit" for creative lighting and image

projection in the studio, a printer for use by students, and other essential equipment including laptop hubs, camera memory cards, starter ink for the printer, (all of which is for student use) and cable locks for the computers. Up-to-date equipment is particularly essential for photography's rapidly evolving and highly technical artistic medium. This project aims to provide:

- Classroom computer upgrades for use in courses and by students for course-work.
- A new professional industry-standard scanning station utilizing a Medium Format digital camera.
- Continued classroom upgrades of studio lighting tools for students to borrow.
- Access to new/recent technologies and equipment for photography courses.

In each of our forty course sections every year, the equipment that we are requesting will benefit all students. The requested computers will be available in class, and the laptop can be borrowed for projects outside the classroom. All the other equipment will be used by our students in class and for homework projects Photography can be a costly endeavor for students. They are required to purchase materials that are not covered by the small materials fee included in our courses. By providing more equipment for instructors to demonstrate contemporary workflows, and for students to use, we aim to better prepare them for work after college. Additionally, we hope to foster the growth of future photographers who would otherwise not have access to professional equipment and may never have realized their potential for or interest in the medium. The Photography Area classrooms are utilized by both Art majors (BA, BFA, and MFA) and non-majors for their courses. Apart from scheduled classes, these rooms are frequently used by student clubs and for open studio hours. Due to the new Photography Concentration, the demand for photography courses has increased significantly. This proposal aims to enable professors to teach more students with the help of necessary technology and equip the students with appropriate technology skills to prepare their work in digital portfolios. The latter is critical for their post-graduate readiness.

V. Project Description:

We aim to supply all our instructors and students with new computers for in-class and to lend to students for course projects, and to give our students experience with the most up-to-date industry-standard workflows and devices they could encounter in entry-level jobs in the field. To positively impact all forty-course sections/year in our area, we are requesting the following upgrades:

- Computers for loan and use in-class and that will be used by over 200 students/semester
- Updating studio lighting equipment and a printer also used by over 200 students/semester

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
MacBook Air 15”M5|24 GB|2 SSDTB| extended Wty	1	$ 1,726
iMac 24” M4 10C|10C |24 GB &1TB + 3yrs Wty. $2,269	4	9,076
Sub-total		**$10,802**

Peripherals and Cameras		
Sigma 105mm f/2.8 DG DN Macro Art Lens (Sony E)	1	$ 779
FUJIFILM GF 50mm f/3.5 R LM WR Lens with UV Filter Kit	1	1,150
Epson Sure Color P900 17" Photo Printer	1	1,605
Sony FE 70-200mm f/4 Macro G OSS II Lens (Sony E)	1	1,698
FUJIFILM GF 120mm f/4 Macro R LM OIS WR Lens	1	3,100
FUJIFILM GF 110mm f/2 R LM WR Lens with UV Filter Kit	1	3,199
Sony a7R V Mirrorless Camera	1	3,298
FUJIFILM GFX 100S II Medium Format Mirrorless Camera	1	5,700
Sub-total		**$20,529**
Miscellaneous		
Godox BFP Flash Projection Attachment for Bowens	1	$ 299
Cartridges and SS Flash drive		1,944
Sub-total		**$2,243**
Total		**$33,574**

22. MCA Computer Labs SH 409/410 iMac Upgrade

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 7. Students/Faculty & Staff
C. Person Responsible for Project(s): Susan Mei

Telephone Number: 212.650.7326
Email: smei@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected: Media & Communication Arts

III. Proposal's Purpose and Expected Beneficial Outcomes:

This project seeks to provide students access to advanced computers designed with sufficient memory and storage to support demanding workloads. Courses offered in Media & Communication Arts in the Film, Journalism, and Ad/PR programs are all technology intensive and students are expected to work with high-resolution media. Graduate and undergraduate students in the Film program, for example, frequently handle and edit 4k footage with high bit rates while Ad/PR and Journalism students work with RAW images. These media files require significant storage and memory capability from the computer to properly process.

MCA computer labs are currently limited to iMacs that only have 256gb storage, but more than half of this storage space is taken up by necessary instructional software, such as: Adobe Premiere Pro, Adobe Photoshop, Adobe After Effects, Adobe Audition, Adobe Illustrator, Adobe Media Encoder, and DaVinci Resolve, Braw Player. To free up space for students to use the computers, our current situation requires students to frequently delete saved projects or for our tech staff to uninstall software for one class only to reinstall again for the next class. Many students and instructors have expressed frustration over the inefficiency of working on computers with inadequate storage because a significant amount of instructional time is spent troubleshooting what applications can be uninstalled or what projects can be deleted.

The expected outcome of purchasing (17) iMac desktops for SH-410 with 1TB SSD storage is to provide students access to higher-performing computers that meet industry standard. Students will be able to better focus on learning the software with improved experience. Furthermore, the current iMac M3 desktops in SH-410 will be moved to SH-409, another computer lab, to replace outdated machines in the second lab. SH-409 has outdated computers that only run OS Monterey, which is two systems older than the required OS Sonoma. Moving the M3 desktops to SH-409, despite the lower storage, will allow our computers to be compliant with CUNY's IT requirements to prevent cyberattacks. No further security updates can be done to the outdated iMac retina 4k, 21.5in, late 2015 computers in SH-409.

IV. How your proposal will impact Students:

The proposal will impact faculty and students inside and outside of class, and extends beyond just Media & Communication Arts. For instructional use, Shepard Hall Room 410 is a film classroom for approximately 60-70 film students and room 409 is a BIC classroom for approximately 30-40 students. In addition to serving MCA students, both computer labs have been utilized for professional development workshops offered to graduate and undergraduate students outside of this department. In addition, both computer labs are open to students outside of class hours with technical assistance from our tech staffs. The labs have also been popular areas for students to mingle and do work between classes. Apple iMacs are the preferred computers used in media, but Apple products are not affordable to most students. As a media-heavy and media-focused department, we hope to provide students with enough resources that meet industry standard so students can have equal experience and opportunities. Students should complete each course and graduate from the programs feeling trained with the technology.

The current desktops in SH-410 are limited to 256gb storage, which is not sufficient space for students working with high resolution media like RAW photo files and 4k video footage. The request for an upgraded lab with increased storage space of 1TB and higher RAM per computer will allow students to work on the computers without having to delete other students' works to create storage space to save their own. It will also allow our IT staff to make necessary security and software updates without having to uninstall, then reinstall applications.

Both labs see heavy student traffic during and outside of class hours — particularly during midterms and finals, when students dedicate extended time to completing major projects. Most notably, these labs support the production of thesis films that are screened at graduation film festivals. The quality of work produced in these rooms speaks for itself: alumni projects have gone

on to premiere at prestigious events including the Sundance Film Festival and the Cannes Film Festival. Investing in these upgrades is an investment in the students, their work, and the reputation of the program.

V. Project Description:

As technology and artificial intelligence (AI) continue to advance rapidly, the demand for high-performance computing resources in academic settings has never been greater. Media file sizes have grown exponentially with 4K video now the industry standard and RAW image files exceeding hundreds of megapixels placing significant strain on older hardware. Therefore, there is a growing need for students to be able to access computers with improved memory and storage capacity to complete projects and to allocate more time training with the software rather than troubleshooting.

This proposal requests the purchase of 17 Apple iMac M4 computers with 1TB SSD storage to upgrade two heavily utilized computer labs: Shepard Hall Room 409 (SH-409) and Shepard Hall Room 410 (SH-410). SH-410 currently houses iMac M3 desktops with only 256GB of storage inadequate for today's media-intensive workflows. SH-410 will receive the new M4 iMacs with 1TB SSD storage, providing students with the processing power and capacity required for modern film, photography, and media production coursework. Its existing iMac will be will be relocated to SH-409 to replace the existing Intel-based iMacs, which are running the outdated Monterey operating system and are no longer viable for professional-grade software. This represents a significant improvement over its current aging infrastructure. This proposal also includes the purchase of adapters to support USB-A connectivity and HDMI output. These adapters are necessary for students who use existing USB-A peripherals and to enable classroom presentations by connecting to the projector or TV in each room.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
iMac 24" - M4 – 10C|10C| 24 GB |1TB +AppCare, $1,949	17	**$33,133**
Miscellaneous		
7-in-1 USB-C Hub multiport adapter, $35 each		**$ 595**
Total		**$ 33,728**

23. Upgrading the Laptop Fleet in EAS Computer Lab Rooms MR 105/107

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 6. Faculty & Staff
C. Person Responsible for Project(s): Madeline E. Loving

Telephone Number: 212-650-5188

Email: mloving@ccny.cuny.edu

1=A Implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected:

The Division of Science, Department of Earth and Atmospheric Sciences (EAS)
School of Engineering, Earth System Science and Environmental Engineering (ESE) Program

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this proposal is to provide the students taking our courses an experience in their labs which will prepare them for their future careers. A good portion of science is done on computers, from data logging and analyzing to creating models, and it is vital that we prepare students within the Division of Science for this reality. The NYC Public School system has recently made personal laptops available to all students enrolled, and we wish to continue this work by providing our students laptops to be used during their classes that include the programs they will find invaluable in their work. We also find, as a commuter college, our students often face hardships that can make technology access difficult for them. We hope to ease this burden and remove at least one stressor that may be a hurdle for students completing their degree requirements, as well as improve computer literacy in the sciences by making computer use integral to our teaching.

IV. How your proposal will impact Students:

On average, more than half of our offered lab classes are taught in rooms 105 and 107 in Marshak, as well as a number of our lectures. Our lab courses contain exercises which require the use of computers, and since the lab rooms used are not designated computer labs, laptops are provided to students from a laptop cart with a capacity for 24 laptops. The seating of the rooms accommodates 21 students per classroom. Currently, the laptops being utilized by students are out of date, and experiencing several software and hardware issues, with at least one laptop being completely out of commission due to a faulty hard drive. I propose these laptops be replaced with up-to-date models in order to facilitate students' learning.

The laptops are used in the following classes and labs:

- The labs for EAS 106: Earth System Science, which is one of our classes that regularly has a high volume of registered students, with over 100 students in each of the Spring and Fall semesters and 50 students during the summer session. It is a required course for EAS, ESE, and Architecture majors. It is also approved to satisfy the Life and Physical Sciences and the Scientific World requirements under Pathways.
- The lectures and labs for EAS 217 System Analysis of Earth, which is a required course for EAS and ESE majors with a typical enrollment of 40 students per semester.
- The labs for EAS 439 Mineralogy (one of the EAS student's favorite electives).
- The entire course for EAS 472: Environmental Projects, which is a required course for seniors in EAS.

- Several labs in EAS 345 Hydrology, which is a popular EAS elective as well as a required elective for certain concentrations of the EESS major

If we are unable to replace these machines, we will be forced to adjust labs and lectures to reduce the material utilizing computers. Any adjustments that would not include computing would result in: (1) less e-learning for the students, (2) a decrease in the amount of student training that leads to post-graduate job skills, and, (3) a weakening of the overall curriculum of the labs and lectures. In the case of EAS 472, not providing laptops to our students means that those without laptops would have to loan a machine from CCNY, but those computers are not always readily available, and may not have the major specific software we typically provide.

V. Project Description:

The laptops currently used in MR 105/107 have reached the end of their functional lifespan. Most cannot be upgraded to Windows 11 and support Cortex XDR, the institution's required cybersecurity platform, leaving them incompatible with current software and security standards. Several machines are entirely unusable due to failed hard drives, and the remaining units lack the RAM and processing power required to run the applications our courses depend on. Students are being trained on tools that do not reflect what they will encounter in graduate programs or professional earth sciences careers. This places them at a competitive disadvantage at the very moment they need to be building industry-relevant skills. As an institution, our mission is to equip students with the skills to be competitive candidates as they enter the workforce or pursue further study.

We propose replacing all 21 laptops with the newest Dell Pro 14, configured with an Intel Core i7 processor, 16GB RAM, and a 512GB SSD, running Windows 11 and Cortex (XDR). These specifications meet the minimum requirements for all software currently used across our lab curriculum, while providing sufficient performance headroom to remain viable for several years without requiring further replacement. Equipping students with functional, modern tools are a baseline requirement for fulfilling our institutional mission: preparing students to be competitive candidates as they enter the workforce or pursue advanced study. The current lab environment falls short of that standard. This proposal directly addresses that gap.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Dell Pro 14 i7|16GB|512 SSDTB| extended Wty. $1,650		
Total	**21**	**$34,650**

24. Expanding Student Access to Data Analysis and Visualization Technology in the Social Science Computing Hub

A. Please select one Category: 1. N (New Project)
B. Please select one - Who proposed: 2. Faculty

C. Person Responsible for Project(s): Sophia Barrett

Telephone Number: 212-650-5900/917-207-3765
Email: sbarrett@ccny.cuny.edu

3=C Implementing or upgrading **student-servicing** computer Labs

II. Department(s)/division Affected: Department of Psychology, Colin Powell School

III. proposal's purpose and expected beneficial outcomes

The purpose of this project is to expand student access to high-performance computing resources that support data analysis, visualization, and computational social science across the Colin Powell School. Increasingly, courses in psychology, sociology, economics, political science, and public policy require students to work with large datasets using modern analytical tools such as R, Python, SPSS, GIS software, and data visualization platforms. Many students, however, rely on tablets or low-powered personal devices that cannot process large datasets or run these applications effectively. This proposal seeks to install several high-performance desktop workstations in the shared social science workspace in NAC 8/133F and upgrade aging computers in NAC 7/120. These resources will allow students to analyze complex datasets, develop programming and visualization skills, and complete research projects that culminate in conference presentations, posters, and capstone projects. The expected outcome is expanded student access to computational tools, stronger quantitative training across the social sciences, and improved preparation for careers in data analysis, data science, policy analysis, public health, and research. These skills are increasingly essential for careers in data science, public policy, public health, government, and research sectors.

IV. How your proposal will impact Students:

The impact of this project extends well beyond a single department. Students across the Colin Powell School and other divisions of CCNY increasingly encounter coursework that involves data analysis, research methods, and computational tools. Courses in psychology, sociology, economics, public policy, public administration, and interdisciplinary programs enroll several hundred students annually and frequently incorporate datasets drawn from national surveys, public health studies, or municipal open data sources. Examples include datasets such as the Healthy Minds Study, NYC Open Data, and other large-scale social science and public health datasets used in student research projects. However, a growing number of students rely primarily on tablets or entry-level laptops, which are often incapable of running statistical software or processing large datasets. This creates a structural barrier that disproportionately affects students with fewer financial resources. By providing high-performance computing resources in a shared and accessible student workspace, this project directly addresses this equity gap and ensures that all students – regardless of the computing resources they personally own – can fully participate in quantitative coursework and research experiences.

The proposed computing hub will support peer mentoring, tutoring, collaborative research sessions, workshops, and independent student research projects. Students across majors regularly use these spaces to prepare research posters and presentations for conferences such as the

Eastern Psychological Association (EPA), the National Conference on Undergraduate Research (NCUR), and other academic venues. Expanding access to computing resources will allow more students from diverse disciplines to participate in these opportunities and develop valuable data literacy skills. Because many CCNY students rely on tablets or entry-level laptops, rather than high-performance computers, providing shared computing resources ensures that access to modern data analysis tools does not depend on a student's personal financial resources. In addition, these resources will also support student preparation of research posters and presentations for regional and national conferences, further strengthening CCNY's reputation for undergraduate and graduate research.

V. Project Description:

Over the past several years, the demand for computational tools in the social sciences has increased dramatically. Students are now expected to analyze datasets containing tens of thousands of observations and hundreds of variables, perform statistical modeling, and generate data visualizations for research reports and presentations. These tasks require significantly more computing power than is available on many student devices, particularly tablets or low-spec laptops. As a result, some students face significant barriers when attempting to complete coursework or participate in research projects that involve large datasets.

To address this challenge, this proposal requests funding for several high-performance desktop workstations designed specifically to support computational social science workflows. These machines will include modern multi-core processors, expanded RAM, and solid-state storage capable of supporting applications such as R, Python, SPSS, GIS software, and advanced data visualization tools. Approximately four workstations will be installed in NAC 8/133F, a shared student workspace where students frequently gather for tutoring, collaborative work sessions, and data-focused workshops. In addition, several existing desktop computers in NAC 7/120 will be upgraded or replaced to ensure that the Social Science Computer Lounge remains capable of supporting modern data analysis tasks. In addition to student workstations, this proposal includes a single iMac workstation used for student mentoring and collaborative research meetings. Many students work directly with faculty mentors when conducting data analyses for theses, independent research projects, or conference presentations. A dedicated workstation in the shared workspace will allow faculty to work alongside students while demonstrating analytical techniques, troubleshooting code, and guiding students through complex data analysis workflows. This collaborative environment strengthens mentorship, enhances student learning, and supports the development of high-quality student research projects. Together, these improvements will create a small but powerful computational hub that supports student learning, interdisciplinary collaboration, and equitable access to modern data analysis tools across the college.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
iMac 24 M4 8C8C|16GB| 1TBSSD + Extended Wty. $1,725	1	$ 1,725
Dell ProMax T2 |i7|32 GB|1T + 5yrs Wty. $3,679 each	10	36,790

Total		**$38,515**

25. Expanding SSA Student Access to High-Performance Large Format Plotting Technology

A. Please select one Category: 1. **N** (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Jason Garcia

Telephone Number: (212) 650-7307
Email: jgarcia8@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology

II. Department(s)/division Affected:

Undergraduate and Graduate SSA Students and Student Clubs (NOMAS, AIAS, ASLA, CCNY Green, GARC, Engineers Without Borders, Freedom By Design)

III. Proposal's Purpose and Expected Beneficial Outcomes:

The purpose of this proposal is to acquire an HP PageWide XL 5200 to support the academic, design, and presentation needs of Architecture students. Large-format printing is a critical component of Architectural education, enabling students to produce high-quality drawings, renderings, and presentation boards required for studio coursework, critiques, and reviews. Students will benefit from faster print speeds and high-quality output, allowing them to meet tight academic deadlines. The availability of an advanced plotter will reduce wait times and congestion, particularly during midterms and final reviews when demand for printing is highest. Additionally, this investment will:

Support advanced coursework requiring detailed technical drawings and visual presentations; Reduce reliance on external printing services, lowering out-of-pocket costs for students; Increase operational efficiency and uptime compared to older or lower-capacity plotters; Enhance the school's ability to support exhibitions, reviews, and public showcases of student work. This acquisition will strengthen the infrastructure necessary to support a rigorous, technology-driven Architectural education while aligning resources with current and growing student demand.

IV. How your proposal will impact Students:

The Spitzer School of Architecture (SSA) serves over 470 students, the majority of them are enrolled in rigorous design studio courses requiring frequent large-format printing. SSA students are heavily dependent on printing Architectural drawings, posters, and presentation boards for their coursework, weekly crits, midterm reviews, and final review. SSA students not only pay Technology Fees but also incur additional out-of-pocket costs for materials and printing, in addition to paying Materials Fee. Despite this, current printing resources are limited, outdated, and unable to meet demand during peak periods. At present, students experience: Long wait times during midterms and finals; Equipment failures due to intense

workload on aging plotters; Limited availability of high-quality printing for presentation boards; Congestion in CADLABs

The introduction of a high-performance plotting system will: Dramatically reduce wait times and bottlenecks; Improve print quality for both technical and presentation outputs; Provide reliable, high-speed printing during peak demand and enhance the overall academic experience and reduce student stress. Furthermore, this project will have a broader institutional impact by redistributing some existing resources to support other student populations on campus (e.g., Engineering students). This initiative incorporates a sustainability-focused equipment redistribution strategy by repurposing some fully functional plotters to another school in the college. This approach maximizes the value of prior investments, reduces electronic waste, and expands access to essential technology.

V. Project Description:

The Spitzer School of Architecture (SSA) relies on aging large-format plotters that are more than five years old and no longer capable of meeting the demands of a modern architecture program. These overutilized machines are increasingly prone to downtime and are insufficient for the current volume of student work disrupting workflows and limiting students' ability to produce the high-quality prints that architecture coursework requires.

We request funding to procure and deploy one HP PageWide XL Pro 5200 Multifunction Printer — a high-speed, production-grade large-format printer designed specifically for architecture and engineering environments. Key capabilities include: High-speed output (~20 D-size prints per minute); multi-roll media support for different paper types and sizes; Ability to print both CAD drawings and high-quality presentation boards; Integrated scanning and copying functionality; Advanced reliability for high-volume academic environments.

The new printer will be deployed in a centralized student-accessible location and integrated into the college's print management system. As part of the upgrade the Spitzer School of Architecture will look to repurpose some plotters (currently in decent working condition) to another school on campus that may have need for them. While these plotters no longer meet the high-demand needs of SSA students, they remain functional and suitable for lower-volume academic environments. This approach ensures that the investment benefits a broader portion of the student population beyond SSA.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware: Include Model #		**Year 25(2026 - 2027)**
HP PageWide XL Pro 5200 MFP (2 rolls)	1	$ 20,295
HP PageWide XL top stacker	1	2,013
HP PageWide Media Drawer (2 rolls)	1	2,440
5 Year NBD Care Pack	1	17,903
Sub-total		**$42,651**

Miscellaneous/Accessories/Supplies		
Accessory	1	$ 529
HP PageWide XL5200 Color Ink one set	1	1,063
Installation & Training		2,160
Sub-total		**$ 3,752**
Total		**$46,403**

26. Expanding Wireless Internet Access Across the CCNY Quad

A. **Please select one Category**: **N** (New Project)
B. **Please select one – Who proposed**: 7. Students/Faculty & Staff
C. **Person Responsible for Project(s)**: Leonardo Leo

Telephone Number: 212-650- 8541
Email: lleon@ccny.cuny.edu

10=J Expand **student access to** current and emerging technology

Department(s)/division Affected:

All Students, Faculty and Staff

IV. How your proposal will impact Students:

Expanding wireless internet access to the City College of New York Quad will significantly enrich student life and learning. The Quad is a central outdoor hub used for studying, relaxing, collaborating, and attending campus events. Despite its importance, it lacks adequate wireless connectivity leaving students disconnected from essential academic and communication platforms. Benefits to students include:

- **Improved Academic Access**: Reliable Wi-Fi will enable students to study, collaborate on group projects, and attend virtual classes outdoors connecting seamlessly to platforms like Blackboard, Microsoft Teams, and Zoom.
- **Digital Equity**: Many students rely solely on smartphones with limited data plans. Wireless access supports laptop use, ensuring all students especially commuters and those without strong mobile plans can fully participate in digital learning.

- **Preparedness for Future Disruptions**: The COVID-19 pandemic showed us how critical campus-wide connectivity is. By extending Wi-Fi outdoors, CCNY ensures resilience and flexibility in the face of future disruptions that may require hybrid or remote learning environments.
- **Faster and More Stable Connectivity**: Unlike mobile data often slow, unstable, and limited to smartphones campus Wi-Fi will offer high-speed, low-latency access for laptops, tablets, and other devices. This enhances the quality of virtual meetings, research, and multimedia learning.
- **Global Connectivity via eduroam**: CCNY's wireless deployment will include **eduroam**, providing seamless and secure internet access to visiting scholars and students from partner institutions, and giving our students reciprocal access when visiting other universities worldwide.

This proposal supports CCNY's mission to promote innovation, digital inclusion, and world-class academic infrastructure.

V. Project Description

The Office of Information Technology (OIT) requests $60,000 in Tech Fee funding to extend reliable, high-performance wireless connectivity across CCNY's outdoor Quad — one of the most heavily trafficked and communally significant spaces on campus.

This project will deploy outdoor-grade wireless access points (APs) seamlessly integrated into CCNY's existing Aruba network infrastructure. Coverage will span the full Quad, including pathways, seating areas, and gathering zones, ensuring consistent connectivity throughout the space. The deployment will support both CCNY Secure and eduroam SSIDs, providing reliable access for students, faculty, staff, and visiting scholars from partner institutions — making the Quad a fully functional extension of CCNY's academic environment. Ongoing maintenance will be managed by existing OIT staff under the college's established network asset lifecycle framework — keeping long-term operational costs minimal and ensuring the infrastructure remains current without requiring additional personnel or budget commitments.

2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25(2026 - 2027)**
Network Infrastructure:		
WI-FI (Outdoor Access Point each at $1,500) Aruba AP-575	4	$ 6,000
Switches – Cisco Catalyst 9300 Series – C9300-48UXM	1	22,000
Wiring (cat6a + fiber) Special: Underground		27,000
Sub-total		**$55,000**
Miscellaneous		

Cabinet to host switch and cabling in Tunnel	**1**	1,000
Bollard (each at $2,000)	**2**	$ 4,000
Sub-total		**$ 5,000**
Total		**$60,000**

27. Creating a Third Computer Lab Dedicated to Digital Game Design

A. Please select one Category: **2. C** (Continuing Project)
B. Please select one - Who proposed: 6. Faculty & Staff
C. Person Responsible for Project(s): Prof. Nick Fortugno & Ervin Vazquez

Telephone Number: 212.650.7947
Email: nfortugno@ccny.cuny.edu /evazquez@ccny.cuny.edu

1=A implementing or upgrading **of instructional** computer labs

II. Department(s)/division Affected: H&A, MCA, Theatre, Black studies

III. Proposal's Purpose and Expected Beneficial Outcomes:

The aim of this project is to provide students with increased access to lab resources by establishing a third computer lab for the Digital Game Design program. Currently, the available labs are only accessible during limited club hours, which leads to overcrowding and restricts students' ability to use the space due to the growing number of enrolled students. This funding would be used to fully equip a new lab in MR043, located in the basement of Marshak, expanding the number of available workstations and allowing students more flexibility to complete coursework and engage with program activities. At present, labs are consistently at full capacity during club hours, making it difficult for students to find time on machines, particularly when specific software or games are required.

In addition to supporting academic needs, the new lab would also benefit City College's esports teams, which compete in titles such as Street Fighter, League of Legends, Valorant, and Super Smash Bros., and have already achieved strong placements across multiple competitions, including a first-place finish in League of Legends. Providing a dedicated space would allow these teams to practice more effectively while also creating opportunities for collaboration and community building. Furthermore, increased lab availability would improve the program's visibility across campus, as many students are still unaware of the Digital Game Design major. When prospective or currently enrolled students visit, they often encounter full labs or ongoing classes, which can discourage participation. Expanding to a third lab will help alleviate congestion, create a more welcoming environment, and ensure that students have consistent and meaningful access to the resources they need to succeed.

IV. How your proposal will impact Students:

For students in the Digital Game Design program, access to lab space is not a convenience it is a necessity. Game development requires sustained, iterative work that cannot happen in a single class session. When lab access is limited to club hours, students lose the time and flexibility they need to develop real competency, finish projects, and build the kind of portfolio that opens doors after graduation. A dedicated third lab changes that. It gives students consistent, reliable access to professional-grade tools the same foundation that separates programs students thrive in from programs they simply pass through. The impact reaches well beyond the program itself. The Digital Game Design program is already building partnerships across campus: with Black Studies, the Student Leadership and Success Office, the Board Game Club, the Sci-Fi Games and Animation Club, and the Theatre Department where the parallels between interactive storytelling and performance make collaboration a natural fit. These are not add-ons. They represent a growing ecosystem of students from different disciplines discovering game design as a creative, cultural, and academic tool.
Expanded lab access makes all of this possible. It creates space literally and figuratively for interdisciplinary projects, inclusive programming, and the kind of hands-on, community-driven learning that defines transformative education. This investment is not just in computers. It is in the students, collaborations, and opportunities that make City College's commitment to access and excellence real

V. Project Description:

The Digital Game Design program has experienced remarkable growth and its infrastructure has not kept pace. In its early stages, freshman and transfer cohorts typically ranged from 10 to 30 students. Now that the program is formally recognized and actively marketed as a major, enrollment has surged. We anticipate a freshman cohort of approximately 100 students in the upcoming fall 2026 semester alone, not including transfer students. This growth has pushed existing resources to their limit. Computer labs operate at full capacity during scheduled class hours, leaving students with access only during club hours a narrow window that is wholly inadequate for the demands of game design coursework. Students cannot reliably complete projects, iterate on their work, or build the hands-on technical skills that define success in this field. Without intervention, the program risks compromising the very quality of education that has driven its growth. To meet this demand, we are requesting funding to establish a dedicated third lab equipped with 21 high-performance computers. This lab will serve as a critical resource for game development coursework, project work, and esports applications ensuring that students have consistent, meaningful access to the tools their education requires.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
Gaming Monitor -AW2725DF, $735 each	21	$15,435
Dell Alienware Aurora i9|16GB|1TB| extended Wty. $3,162	21	66,402
Total		**$81,837**

28. Printer Replacement and Color Printing Expansion Across The cITy Tech Center and Library Computer Labs

A. Please select one Category: 1. N (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Vern Ballard, Director of Frontline User Services

Telephone Number: 212-650-5221
Email: vern@ccny.cuny.edu

3=C Implementing or upgrading **student-servicing** computer Labs

III. Department(s)/division Affected:

All schools and divisions college-wide as the Tech Center and Libraries are available and intended for use by all CCNY students.

IV. How your proposal will impact Students:

The Tech Center (NAC 1/301) serves as the primary technology hub for the entire CCNY student body. Hosting five classrooms, with over 300 workstations, two dozen study rooms, and half a dozen printers, these facilities draw students from every school and division on campus, including the Grove School of Engineering, the Division of Science, the Spitzer School of Architecture, the Colin Powell School, the School of Education, the Center for Worker Education, and the Division of Humanities and the Arts. The five HP LaserJet M806dn printers currently deployed in the Tech Center are more than 12-year-old and each one exceeded three million pages of use against a manufacturer-rated duty cycle of two million pages meaning every student who relies on in-lab printing for coursework, assignments, and professional materials is one printer failure away from a disrupted workflow. To maintain the Tech Fee printers, for years we have used parts from decommissioned printers that are no longer working.

Currently there is one general-use color printer available for use by all students, which is in the Tech Center. At the Technology Advisory Council's inaugural meeting, Student Government representative requested the expansion of color printing, reflecting authentic student need and to ensure that all CCNY students have equal access to the full range of printing services regardless of which building they primarily occupy. The addition of three-color printers distributed across the Cohen Library (NAC), Science and Engineering Library (Marshak), and Music Library (Shepard Hall) directly addresses a long-standing inequity in printing access across campus. Students whose primary academic spaces are in the Marshak, Shepard, and Steinman Hall buildings have historically been required to travel to the NAC Tech Center for access to free, Tech Fee-funded printing an impractical burden that penalizes students simply for their building assignment. Science and engineering majors (over 3,800 students based on the CCNY census), music students, and those visiting the Office of Student Development in Steinman or student club spaces in Wingate Hall will gain equitable access to both monochrome and color printing as part of the benefit they already pay for through the Student Technology Fee.

V. Project Description:

The Office of Information Technology (OIT) requests funding to replace five aging black-and-white laser printers in the cITy Tech Center and procure two additional black-and-white units to restore printing coverage lost when the Fishbowl Student Computer Lab (NAC 1/501) was transferred to the CUNY School of Medicine, bringing the total fleet replacement to seven printers. In addition, and in direct response to a formal request from Student Government representatives at the Technology Advisory Council's inaugural meeting, this proposal seeks funding for three additional color printers to be deployed across CCNY library locations and student service areas. Together, these investments will restore full-capacity printing infrastructure to the college's two primary general-use computing environments, extend equitable access to the Science and Engineering, Music, and Cohen libraries, and ensure that all students regardless of which building they work in have reliable, standardized access to both monochrome and color printing as part of their Student Technology Fee benefit. The expected outcomes are immediate and measurable: elimination of chronic printer failures, reduced wait times at peak usage periods, and the expansion of free color printing access to an estimated 16,000 students annually. The five HP LaserJet M806dn printers currently deployed in the Tech Center were purchased in 2015 and each has surpassed three million pages of use). The manufacturer's rated duty cycle for this model is two million pages. These printers are operating well beyond their rated lifespan and beyond their five-year warranty period, and the risk of simultaneous multi-unit failure during peak academic periods without available reserve units poses a significant service continuity threat to the college.

OIT proposes to replace all five active units and add two additional printers of the same model for a total of seven new black-and-white printers. Standardizing on the HP LaserJet M806 platform is a deliberate and cost-effective strategy as our Tech Support staff have been trained to maintain these printers. This standardization reduces supply chain complexity, allows OIT to consolidate toner and maintenance kit procurement through existing vendor contracts, simplifies staff training and serviceability, and opens the door to cross-campus supply sharing. The Spitzer School of Architecture has separately identified a printer need that this standardized fleet could also help address. For color printing expansion, OIT proposes the purchase of three HP Color LaserJet M856dn units the same model currently in service in the Tech Center. This model has demonstrated strong early performance and represents a proven, campus-supported platform. The three new units will be deployed to the Cohen Library (NAC), the Science and Engineering Library (Marshak), and with additional consideration for the Office of Student Development (Steinman) and the student club area (Wingate Hall) based on space readiness and network infrastructure. The request funding also included consumable supplies for both B/W Printers and Color Printers units will be procured through OIT's existing CDW supply agreement, ensuring consistent pricing, compatibility, and timely fulfillment.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Peripherals		**Year 25(2026 - 2027)**
Printers		
HP LaserJet Entp. M856dn (Color)+3 yrs Wty. $6,707	3	$20,121
HP LaserJet Entp. M806dn + 3 yrs Wty. $8,859	7	62,013

Sub-total		**$82,134**
Miscellaneous		
Supplies for M856 dn color printers		
HP Waste Toner Collection $ 55 each	2	$ 110
HP 660A Imaging Drum, $310 each	2	620
HP 110V Fuser Kit (4YL16A), $385 each	2	770
HP Intermediate Transfer Kit $470 each	2	940
HP 659X HY black toner, $340 each	3	1,020
HP 659X HY color toners $320 each color	3	2,880
Sub-total		**$6,340**
Total		**$88,474**

29. Phase 1 Desktop Computer Replacement Across Computer Lab and Library Facilities

A. Please select one Category: 1. N (New Project)
B. Please select one - Who proposed: 3. Staff
C. Person Responsible for Project(s): Vern Ballard, Director of Frontline User Services

Telephone Number: 212-650-5221
Email: vern@ccny.cuny.edu

3=C Implementing or upgrading **student-servicing** computer Labs

III. Department(s)/division Affected: College-wide

IV. How your proposal will impact Students:

In October 2025, the Office of Information Technology conducted a comprehensive, college-wide computer audit. The findings identified approximately 400 computers deployed in student computer labs/instructional classrooms and libraries that are been evaluated and as potentially become fully obsolete within the next 24 months. They will no longer support current operating system updates, critical security patches, or the software released by Microsoft and Apple, leaving them vulnerable to cybersecurity exploits. These machines currently average more than six years in service, well beyond the industry-standard 4–5-year refresh cycle and past the expiration of manufacturer warranties, leaving the College increasingly exposed to security vulnerabilities and disruptions to the student academic experience.

The Office of Information Technology at The City College of New York faces an urgent and growing imperative to modernize its computer lab infrastructure. Despite ongoing incremental updates, the average machine age across campus exceeds six to ten years well past manufacturer warranty expiration and industry-standard refresh cycles rendering a significant

portion of the fleet obsolete, costly to maintain, and unable to meet the demands of today's academic environment. This aging infrastructure places an unsustainable burden on technical staff and directly disrupts the student experience. A comprehensive, prioritized modernization plan encompassing open-access general computing areas, discipline-specific instructional labs, and CCNY library terminals is essential to ensure that every student has reliable, equitable access to the tools their coursework demands. Outdated hardware prevents students from running industry-standard software, puts CCNY at a competitive disadvantage relative to peer institutions, and deepens the digital equity gap for students who depend on campus labs as their primary computing resource. Investing in this infrastructure now is not merely a technology decision it is a commitment to academic excellence and student success.

The Office of Information Technology at The City College of New York faces a critical and growing need to upgrade computer lab infrastructure across campus. While computers throughout the college are gradually updated, the average age of computers remains more than six years, rendering them obsolete, exceeding their warranties and life expectancy and disrupting the academic experience. A comprehensive, prioritized plan to modernize remaining obsolete labs across the college including open-access general computing areas, discipline-specific instructional labs, and CCNY libraries computers is essential to ensure that every student has reliable, equitable access to the tools their coursework demands. Outdated hardware prevents students from running industry-standard software, puts CCNY at a competitive disadvantage relative to peer institutions, and deepens the digital equity gap for students who depend on campus labs as their primary computing resource.

V. Project Description

Science, engineering, and art curricula use software for coursework and projects that require processing loads and memory demands than basic computer usage. Combining these requirements with the rapid emergence and integration of AI-enabled tools and heightened cybersecurity requirements, means delaying the upgrade of student computer labs is no longer optional; it is operationally essential. Failure to invest in timely, systematic lab modernization carries direct consequences for student outcomes, instructional quality, and CCNY's competitiveness among peer institutions. Given the scale of need, OIT proposes a three-phase replacement initiative aligned with annual Technology Fee funding cycles:

Phase	Academic Year	Units to Replace	Estimated Cost
Phase 1	2026–2027	115 computers	$226,385
Phase 2	2027–2028	115 computers	$226,385
Phase 3	2028–2029	115 computers	$226,385
Total		**345 computers**	**$618,588**

Therefore, we request approval of $226,385 in Tech Fee funding to launch Phase 1 of this initiative, replacing 115 computers, 90 (Dell Pro Max Slim i7, 16 GB/512 SSD) and 25 (iMac M4 (16GB/512SSD +27” monitor in areas with concentrated student usage. This phase will target student labs {77 workstations} and Cohen Library {38 PCs} where hardware obsolesce rates are

highest, where OS support is nearing expiration, computer performance is sluggish and student traffic volume is greatest ensuring the most critical needs are addressed first.

VI. 2026 - 2027 Fiscal Year Budget:

Items	Qty	Cost
Hardware:		**Year 25(2026 - 2027)**
iMac 24 M4 10C10C|16GB| 512 SSD + Ext. Wty. $1,787	25	$ 44,675
Dell ProMax Slim |i7|16GB|512 SSD + 3yr Wty. $2,019	90	181,710
Total		**$226,385**

30. Student Technology Internship Program (STIP)

A. Please select one Category: 2. **C** (Continuing)

B. Please select one - Who proposed: 3. Staff

C. Person Responsible for Project(s): Otto Marte, Sr. Director of OIT Business Services

Telephone Number: 212-650-6190
Email: marte@ccny.cuny.edu

7=G Personnel for Installation and maintenance of computer services

College Departments Affected: Entire College

Impact on Student Interns

Through STIP, CCNY undergraduate and graduate students are placed across key divisions of the Office of Information Technology, where they provide essential tech support to the campus community while gaining the hands-on, 21st-century skills that employers demand. The program transforms student interns into workforce-ready IT professionals."

Project Description:

Established in 2002, the Student Technology Internship Program (STIP) delivers IT support across general computer labs, smart classrooms, AV services, equipment reservation services, and technical assistance — serving hundreds of faculty and students.

By bringing together a select group of undergraduate and graduate students, STIP provides hands-on experience with computer hardware and software, along with practical training in teaching,

communication, and client support. The result is a team that delivers diverse, high-quality services both inside and outside the classroom creating a better teaching and learning environment for the entire college community.

I request $1,641,929 to sustain and advance the Student Technology Internship Program (STIP) for FY 2027. This amount includes a 13.60% allocation for fringe benefits and reflects the approved District Council 37 salary increase. These funds are essential to maintaining a program that simultaneously strengthens City College's technology infrastructure and launches students into meaningful careers in the IT workforce.

The five components outlined below represent targeted investments in that cycle — strengthening the infrastructure STIP maintains while expanding the opportunities it creates for the next generation of tech leaders.

Student Tech Interns Program (STIP)

Program Placement Category	No. of Interns	Percentage	Annual Cost
1. Academic Technology Services (ATS)	2	7	$ 93,773
2. iMedia Reservation Desk	5	10	149,359
3. Service Desk (Tier 1) Support	4	16	227,721
4. College-wide & Divisional Computer Labs Support	22	30	434,389
4. College-wide & Divisional Tech Support (Tier 2/3)	11	37	540,118
Sub-total	44		$ 1,445,360
Fringe Benefits (13.60%)			196,569
Total			**$ 1,641,929**

1. Academic Technology Services (ATS) Classroom Support

Academic Technology Services leads the design, deployment, and ongoing support of audio-visual (AV) technology across City College's learning environments from smart classrooms and lecture halls to conference rooms, auditoriums, and outdoor spaces. ATS also manages the campus-wide Digital Signage network, ensuring timely, relevant communication reaches the college community.

Beyond infrastructure, ATS serves as a trusted partner to faculty and academic leadership, providing expert guidance on integrating AV technology into instruction to maximize student engagement and teaching effectiveness. STIP interns embedded within ATS gain direct, hands-on experience with enterprise-level AV systems, digital media platforms, and faculty-facing technical support building skills in systems deployment, troubleshooting, and instructional technology that are highly valued across the IT industry.

2. iMedia Reservation Desk

The iMedia Reservation Desk serves as City College's central hub for technology access and audiovisual resources, directly supporting the college's academic, and mission. By putting essential tools in the hands of students and faculty when they need them most, the Reservation Desk plays a quiet but critical role in keeping teaching and learning uninterrupted across campus.

Core services include:

- Managing high-demand Laptop Loaner Programs for eligible students and faculty includes 2-in-1 laptops/tablets equipped with annotation software such as Ink2Go
- Overseeing video conferencing services, including the Teams and Zoom teleconferencing platform
- Supporting classroom AV technology needs and loaning essential equipment such as AV cables and other accessories. This includes the Installation of projectors, screens, and configuration

In collaboration with OIT divisions, the team also:

- Tests and documents remote learning and telecommuting technologies to ensure reliability before campus-wide deployment
- Develops and streamlines training resources for CCNY digital platforms, including Zoom, Teams, and Use of VIA Presentation Devices

STIP interns assigned to the iMedia Reservation Desk develop a well-rounded foundation in technology service delivery gaining practical experience in equipment management, user support, platform training, and cross-functional collaboration.

3. Office of Information Technology (OIT) Service Desk (Tier 1) Support

Since its revamp in summer 2011, the Office of Information Technology (OIT) Service Desk has served as CCNY's central hub for IT support — providing fast, reliable technology assistance to students, faculty, and staff across the entire campus community. The team is available via phone, email, Zoom, and Teams, providing:

- Prompt issue screening, prioritization, and escalation
- Seamless referrals to specialized OIT teams when additional expertise is needed

Core services include:

The Service Desk is the first stop for all IT needs, offering:

- Comprehensive troubleshooting and resolution for laptops, mobile devices, software, hardware, and operating systems
- Campus-wide distribution of site-licensed software

- Guided assistance with CUNY application installations
- Support for CUNYfirst, CUNY Portal, and Brightspace
- Mobile device email configuration
- Tier I and select Tier II technical support

4. College-Wide and Divisional Student Computer Labs Support

The OIT College-Wide and Divisional Student Computer Lab Support teams work collaboratively to ensure these spaces remain reliable, secure, and fully equipped to meet the evolving needs of our diverse student community. Lab support is organized into two areas:

(a). College-Wide Lab Support

The team manages CCNY's general-use computer labs, serving students from every school and department. The flagship CITY Tech Center, on the ground floor of Cohen Library, serves as the campus's primary computing hub — a flexible, collaborative space built for individual work and group study.

These labs serve as a shared technology resource for the entire campus, providing:

- Fully equipped workstations with up-to-date hardware and software
- Access to campus-wide licensed applications and academic tools
- Consistent technical support and troubleshooting
- Regular maintenance, updates, and security monitoring
- A welcoming environment that supports focus, collaboration, and productivity

(2) Divisional Student Computer Labs

The Office of Information Technology (OIT)'s divisional staff delivers specialized support to CCNY's department and school-specific labs, ensuring each unit's unique computing and printing needs are met.

Academic Labs These labs serve discipline-specific curricula, equipped with the hardware, software, and peripherals each field demands:

- Education (NAC 4/226)
- Electrical Engineering (ST-269)
- Division of Science (MR-829)

Student-Centric Spaces These spaces support student governance and accessibility needs, providing tailored technology for a range of users:

- Accessibility Lab (NAC 1/216) — assistive technology for students with disabilities

- Graduate Student Government
- Undergraduate Student Government

From CAD workstations for Engineering and Architecture to assistive tools for students with disabilities, each lab is configured for its specific community. All spaces are accessible during standard CCNY operating hours, giving every student reliable access to the tools their coursework demands.

5. College-Wide & Divisional Tech Support (Tier 2/3)

College-Wide & Divisional Tech Support serves as the expert escalation layer between the OIT Service Desk and CCNY's back-end infrastructure teams. When technology issues exceed the scope of front-line support, skilled IT analysts embedded within each academic division and administrative office step in to resolve them.
These specialists provide advanced Tier 2 and Tier 3 support across the college, troubleshooting complex issues, maintaining discipline-specific lab environments, and coordinating deeper technical assessment when required. Strategically positioned throughout CCNY, divisional analysts ensure every academic department and administrative office receives personalized, expert attention — keeping the college's technology infrastructure stable, secure, and ready to support students, faculty, and staff.

Core services include:

- Expert troubleshooting and resolution for hardware and software issues
- Deployment and configuration of computers, software, and peripherals (printers, scanners, and displays)
- Tailored technical assistance for administrators, faculty, staff, and students
- Intermediate troubleshooting of network, server, and telecommunications issues
- Cybersecurity issue identification and escalation

FY 2027 Budget Breakdown: Student Technology Interns Program (STIP)

Position Title	Pay Rate/Hr	Hrs/Yr	(AL+SL)	Headcount	Cost per Position ($)	Total Annual Cost ($)
	Academic Technology Classroom Support					
College Assistant	$ 19.12	1000	117	1	$21,357	$21,357
Hourly IT Assit. 2	39.68	1600	225	1	72,416	72,416
				2		**$93,773**
	iMedia Reservation Desk					
College Assistant	$ 19.12	1000	117	3	$21,357	$64,071
Hourly IT Support	24.48	1560	182	2	42,644	85,288
				5		**$149,359**
	Service Desk (Tier 1) Support					

Hourly IT Support	24.48	1560	182	1	42,644	$42,644
Hourly IT Support	27.68	1560	182	1	48,219	48,219
Hourly IT Assist. 1	30.99	1560	182	1	53,985	53,985
Hourly IT Assoc 1	45.41	1600	225	1	82,873	82,873
				4		**$227,721**
	College-Wide & Divisional Student Computer Labs Support					
College Assistant	$ 19.12	400		9	$7,648	$68,832
College Assistant	19.12	921.5	107	2	19,665	39,330
Hourly IT Support	19.12	1000	117	7	21,357	149,499
Hourly IT Support	24.48	1300	152	1	35,544	35,544
Hourly IT Support	24.48	1560	182	1	42,644	42,644
Hourly IT Assist. 2	27.68	1560	220	2	49,270	98,540
				22		**$434,389**
	College-Wide & Divisional Technical Support (Tier 2/3)					
College Assistant	19.12	1040	147	1	22,695	$ 22,695
College Assistant	21.21	1040	147	1	25,176	25,176
Hourly IT Support	24.48	1560	182	2	42,644	85,288
Hourly IT Support	27.68	1560	182	2	48,219	96,438
Hourly IT Support	27.68	1600	225	1	50,516	50,516
Hourly IT Assist. 1	30.99	1560	182	1	53,985	53,985
Hourly IT Assist. 1	35.18	1560	225	1	64,204	64,204
Hourly IT Assist. 2	39.68	1600	187	2	70,908	141,816
				11		**$540,118**
						$1,445,360
						$196,569
				44		**$1,641,929**

Student Technology Fee Advisory Committee Members

The Technology Fee Advisory Committee is a 36-member panel with a student majority that oversees the allocation and expenditure of Technology Fee revenues at CCNY. Comprising students, faculty, and staff from across the college, the committee ensures these funds are directed toward initiatives that meaningfully advance the academic and technological experience of the entire campus community.

The committee reviews and approves technology-related project proposals and advises the Office of the President on funding decisions. By placing students at the center of this process, CCNY ensures that technology investments shaping campus life reflect the needs and priorities of those who fund them.

Member Composition:

Category	Count
Students	19
Undergraduate	18
Graduate	1
Faculty	5

Administration		10
Ex-Office Members		2
Total		**36**
Leadership:		**4**
Dr. Tony Liss	Chair: Provost	
Scott Gurba	Chair: Sr. VP/COO	
Ken Iher	VP & CIO Office of Information Technology	
Ismael Perez	VP & CFO OF Finance and Administration	
Student Representatives		**19**
Abdullah Khan	USG VP of Public Affairs	
Ahmed (Alabi) Khan	USG Senator	
Ayesha Ijaz	USG Senator	
Bianca Jones	GSG President	
Imani Appolon	USG Secretary of Senate	
Javier Guante	USG Senator	
Kejsi Metko	USG Executive VP	
Lia Abdalla	USG VP of Academic Affairs	
Lizmarie Delacruz	USG Senator	
Mansoor Gafar	USG Speaker of Senate	
Mardhiyat Alassani	USG Senator	
Maruf Khan	USG Senator	
Mashud Choudhury	USG VP of Finance	
Mohammad Hami	USG Senator	
Omar Quraishi	USG VP of Finance	
Rahiq Mosharraf	USG Senator	
Shadman Hossain	USG President	
Shafin Rehman	USG VP of Campus Affairs	
Theodora Chali	USG VP of Student Affairs	
Faculty Representatives		**5**
Prof. Pilar Newton	Humanities and Arts	
Prof. Jacek Dmochowski	Grove School of Engineering	
Dean Stephen O'Brien	Division of Science	
Prof. Elizabeth Matthews	Center for Worker Education	

Assoc. Dean Kevin Foster	Colin Powell School for Civic and Global Leadership	
Administrative Representatives		**6**
Dee Dee Mozeleski	Senior VP Office of Institutional Advancement and External Relations	
Brian Genzmann	Director of Fiscal Affairs	
Ramón De Los Santos	Ed. D., AVP of Student Affairs	
Dr. Mario H. Ramirez	Associate Dean and Chief Librarian	
Mohammad Ahmad	School of Architecture	
Doris Grasserbauer	School of Education	
Ex-officio Members		**2**
Otto Marte	Sr. Director of Information Technology Business Service & Tech Fee Administrator	
Leonardo Leon	Deputy CIO & CISO Office of Information Technology	
Total		**36**