The City College
of New York

CCNY STUDENT TECHNOLOGY FEE PLAN

FY 2026

By

Dr. Tony Liss, Provost and Scott Gurba, Sr. VP/COO – Chairs

Ken Ihrer, VP and CIO of Information Technology and Ismael Perez, CFO/VP of Finance and Administration – Co-Chairs

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Background

In the fall of 2001, CCNY pioneered its Technology Task Force, uniting administrators, faculty, students, and IT professionals. Their mission: harness Student Technology Fee funds to revolutionize campus technology. This diverse team crafted visionary recommendations that continue to shape CCNY's digital landscape.

Today, their legacy thrives in the Technology Fee Committee. This dynamic group translates the Task Force's innovative ideas into actionable annual plans, strategically investing Tech Fee funds to keep CCNY at the forefront of educational technology. View our latest 2025-2026 Technology Fee Plan at https://www.ccny.cuny.edu/it/tech_fee 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 2025-2026 Proposed Activities and Budgetary Allocations

The Technology Fee Committee has strategically allocated $3,679,536 for the upcoming academic year across 21 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 2025-2026 Tech Fee Plan is as follows:

Project Title	Cost
1. Library Digital Subscriptions	$244,190
2. CCNY University Wide Tech Fee Investment Program (UWTFIP)	256,000
3. Office of Information Technology Maintenance Costs	357,025
4. University-Wide Initiatives (UWI)	798,459
5. Revitalizing Experiential Learning in Physiology Laboratories	4,809
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13. Upgrading University Physics I (Phys 20700) Laboratory Workstations	21,182
14. MCA Student Laptop Loaning Program Expansion	25,290
15. Music Library Computers Upgrade	25,725
16. Upgrading The Student Laptop Loaning Program & Classroom Projectors (CWE)	28,621
17. Sonic Arts Center Computer Upgrade	36,265
18. Upgrade The CADLab Computers at the SSA	44,476
19. Technology Upgrade for the Art Dept. Visual Media Lab. CG-245A	46,193
20. CCNY Urban Sustainability Hy-Flex Instructional Infrastructure	50,000
21. Student Technology Internship Program (STIP)	1,648,161
Total	**$3,679,536**

Fiscal Year 2024-2025 Key Achievements:

Since its inception in 2001, the City College Technology Fee Advisory Committee has been a powerful force of digital transformation, strategically guiding our students' acquisition, deployment, and maintenance of cutting-edge technology.

Our 2025-Year Impact:

- Modernized student computer labs and Tutoring Center
- Upgraded smart classrooms
- Renewed critical software licenses
- Modernized student tutoring centers
- Secured University-Wide Initiative (UWI) funding
- Enhanced library digital resources
- Supported innovative, student-centric projects

By investing Tech Fee funds, the Advisory Committee members have consistently elevated CCNY's technological landscape, ensuring our students have the tools they need to excel in the digital age.

2024 - 2025 Tech Fee initiatives are listed below:

- Office of Information Technology Maintenance Costs

- Library Digital Subscriptions

- CCNY University-Wide Tech Fee Investment Program

- University-Wide Initiatives (UWI)

- Data Mapping Storage Technology Equipment

- iPads for Course Instruction

- CWE Auditorium's Projector Upgrade

- Sculpture Area Technology Upgrade

- Music Student Study Center Tech Upgrade, Room SH 77

- EDM Instructional Computer Labs Projector Upgrade

- SoE Multimedia Center Artificial Intelligence (AI), Virtual & Augmented Reality

- Bio Unlocking Potential Embracing Virtual Learning

- SoE Multimedia Center Desktop Upgrade

- Launch and Implementation of Bloomberg Terminals Lab at CCNY

- Tech Upgrade for CMLL, History, Philosophy, and Humanities and the Art Advising's Office

- Cohen Main Student Library Desktop Upgrade

- SoE Smart-Classroom Desktop Upgrade

- SSA, Audio Visual Upgrade, Rooms 107 & 128

- CWE Student Laptop Loan Program Upgrade and Expansion

- SoE Learning & Technology Resource Center Desktop Upgrade

- MCA Computer Teaching Lab Upgrade, Room SH 461

- A New Co-Lab Makerspace for EDM's Students, Room CG-118

- The Artino Teaching and Computational Math Computers Upgrade

- Photography Technology Upgrade

- Introducing Bioassay Techniques Using Microplate Reader into Biology Curriculum

- Creation of a 2nd Gaming Pathway Lab

- Writing Center Technology Upgrade

- Student Technology Internship Program (STIP) – Included fringe benefit.

Using this current year's Tech Fee funding, we were able to fund the following key projects, initiatives, and objectives:

1. Office of Information Technology (OIT)

The OIT division ensured uninterrupted essential technology services for students, enabling their academic success. Key achievements included renewing critical software licenses like Papercut, Digital Signage, Deep Freeze, Simplicity Career Services Management, WebCheckout, SysAid, Qless, Wireless License support, and ENVI+IDL Academic. Additionally, we continue to upgrade and expand our smart classroom infrastructure with the latest Wireless Access Points and VIA Connect Pro wireless presentation devices technology to enhance the learning experience."

2. Library Subscriptions

Ensuring access to the latest academic resources, we have renewed college libraries' digital subscriptions to thousands of digital journals, images, books, and conference proceedings from leading providers like Thomson Reuters Sci, SciFinder, American Chemical Society, and Thieme Package. These invaluable resources empower our students to conduct comprehensive research, substantiate their academic papers, and contribute to the College's mission of fostering well-informed graduates and researchers who can excel in the global economy."

3.   CUNY University-Wide Tech Fee Investment Program

CUNY has reinstated the University-wide Tech Fee Investment Program after a five-year pause. As a result, CCNY allocated the 8 percent of its Technology Fee revenue to the CUNY. These funds will be used to invest in university-wide technology initiatives.

4.   University-Wide Initiatives (UWI)

The Office of Information Technology allocated 21 percent of the Technology Fee revenue to CUNY University-Wide Initiatives. This allocation of funds is guided by compliance with CUNY policy pertaining to software licenses used to provide services and resources to our students. CUNY's UWI encompasses a range of strategic programs and policies designed to enhance the educational experience, promote research and innovation, and improve operational efficiencies across its campuses. These initiatives are coordinated efforts across the CUNY system to address common goals and challenges.

5. Data Mapping Storage Technology Equipment

We purchased a secure mobile charging cart for the Sociology department to optimize the utility of the 25 previously funded iPads. This specialized storage cart ensures devices remain fully charged and protected while enabling seamless transport between classrooms. Faculty can now efficiently relocate the entire iPad collection as needed, enhancing instructional flexibility and device accessibility across multiple classrooms.

6.   iPads for Course Instructional

Two (2) new iPads and accessories were purchased for Professors Mahesh Lakshman and Barbara Zajc, who collectively teach multiple sections of undergraduate and graduate Organic Chemistry each week. These devices have enabled more dynamic and engaging content delivery by incorporating videos, simulations, and interactive learning platforms into their organic chemistry instruction.

7. CWE Auditorium's Projector Upgrade

The Center for Worker Education (CWE) auditorium serves as a central hub for diverse academic activities, including division-wide events, admissions sessions, special lectures, and student support programs. In collaboration with OIT, the auditorium's projector was upgraded to the latest technology, ensuring continued success in delivering engaging presentations and events.

8. Sculpture Area Technology Upgrade

CCNY's sculpture program serves a thriving community of 120 students across seven (7) or eight (8) classes per semester. We purchased a high-performance iMac, projector, and three (3) digital Panasonic cameras to enhance student learning and professional development. This essential technology upgrade empowers students to professionally document their sculptures for critiques, presentations, and portfolio development, while equipping them with the digital skills and knowledge necessary to succeed in the competitive field of contemporary sculpture.

9. Music Student Study Center Tech Upgrade, Room SH 77

The Music department serves nearly 300 music majors who previously lacked adequate collaboration and music preparation space. In partnership with OIT, the department transformed room SH 77 into a dedicated communal workspace equipped with essential new technology: two iMac computers running the latest software, a printer, a coil binding machine for music scores and academic assignments, and other necessary supplies. Previously, students often resorted to studying and working on projects in hallways due to the absence of a dedicated workspace, disrupting others and hindering effective collaboration and music production. Now, thanks to this new collaborative space, new collaborative space provides students with the resources needed for their academic and artistic pursuits while fostering a thriving community that encourages communication and collaboration among our talented music scholars.

10. EDM Instructional Computer Labs Projector Upgrade

The Electronic Design & Multimedia (EDM) program emphasizes hands-on learning with cutting-edge software and technologies. We replaced three aging projectors in critical instructional classrooms with the high-performance Panasonic PT-VMZ71U7 model. These upgraded projectors create a more dynamic and effective learning environment by reliably handling demanding software and large file sizes without overheating or signal loss. The enhanced brightness capabilities allow instructors to deliver presentations with classroom lights on, facilitating greater student engagement and interaction during lessons.

11. SoE Multimedia Center Artificial Intelligence (AI), Virtual & Augmented Reality

The School of Education is evaluating and leveraging metaverse environments such as Meta, Minecraft, and Roblox to design and deliver immersive educational experiences for students. To support this initiative, we purchased 10 VR headsets, enabling education students to gain hands-on experience designing VR curricula that immerse learners in engaging virtual environments connected to their subject matter. Students without headsets can participate through interactive classroom displays, ensuring inclusive collaboration. Additionally, two high-performance laptops were purchased to enable students to explore AI tools for educational purposes, including creating audio, video, and curriculum materials. This initiative provides students with invaluable practical experience using cutting-edge technologies like VR and AI that are transforming modern education.

12. Bio Unlocking Potential Embracing Virtual Learning

In collaboration with OIT, we upgraded the microscope used by multiple core biology courses with the Micro-Direct 1080p HDMI Handheld Digital Microscope featuring an 11.6" retina display screen. This new model delivers high-quality visuals and connects directly to Smartboards, creating an integrated teaching solution that provides students with magnified, high-resolution images essential for scientific observation. This upgrade addresses critical functionality gaps present in the previous model, enhancing the learning experience for approximately 1,200 students annually from Biology, Psychology, Engineering, and other disciplines.

13. SoE Multimedia Center Desktop Upgrade

In coordination with the Office of Information Technology, 10 of the 30 desktop computers in NAC Room 4/221 were upgraded to a current Dell Precision desktop model with Windows 11. Webcams were also installed to enable effective student participation in online sessions. Additionally, a broken Elmo document camera essential for sharing student work, books, and other instructional materials was replaced.

14. Launch and Implementation of Bloomberg Terminals Lab at CCNY

In collaboration with the Office of Information Technology, a new Bloomberg Terminal Lab was launched at CCNY with the acquisition of 12 desktop terminals funded by Tech Fee. Nine terminals are in the main Student Computer Lab -Tech Center (NAC 1/301), while the remaining three are in the Student & Faculty Lounge (NAC 4/125).   This world-class resource provides students with access to the industry-leading platform for global business and finance research offering comprehensive analytical tools, market data, and industry news.

15. Technology Upgrade for CMLL, History, Philosophy, and the Humanities and the Art Advising's Office

In collaboration with the Office of Information Technology, 11 outdated desktop computers were upgraded across three departments in the Humanities and the Arts Division. The previous systems were incompatible with current operating systems and incompatable with essential security software, including Cortex XDR malware protection. These student-use computers were strategically distributed as follows:

   a) Foreign Language Department (NAC 5/223 & 5/218): Three Dell desktops and one iMac
   b) History/Philosophy Department (NAC 5/144): Two Dell desktops and one iMac
   c) Humanities and the Arts Department (NAC 5/224 & 5/225): Three Dell desktops and one iMac

16. Cohen Main Student Library Computers Upgrade

The Office of Information Technology upgraded 20 Dell computers in the Cohen Library with Dell OptiPlex i7, 16GB RAM. The previous computers were incompatible with Windows 11 and Cortex XDR malware protection. The new computers run Windows 11 and support XDR along with other essential software that could not operate on the older systems.

17. SoE Smart-Classroom Desktop Upgrade

In collaboration with the Office of Information Technology, 13 seven-year-old Dell desktop computers were replaced across multiple smart classrooms. The aging systems, equipped with i5 processors and 8GB RAM, experienced performance issues with educational applications and were incompatible with Windows 11 and Cortex XDR malware protection. These computers were replaced with Dell Precision 3660 systems featuring i7 processors and 16GB RAM.

18. School of Architecture Audio Visual Upgrade for Rooms SSA 107 &128

The Spitzer School of Architecture (SSA) relies heavily on its two main lecture halls, rooms 107 and 128. In FY 2024, SSA received Tech Fee funding to upgrade the audiovisual infrastructure in these rooms with new lecterns featuring boundary microphones, Microsoft Surface Studio computers, and high-quality laser projectors. However, the current system struggles to capture audio effectively when instructors move away from the lecterns. This fiscal year, additional funding enabled the installation of wireless microphone technology in both rooms. The upgrade, scheduled for completion in June 2025, will ensure clear audio reception regardless of instructor location, fostering improved communication and engagement with students.

19. CWE Student Laptop Loan Program Upgrade and Expansion

Before the COVID-19 pandemic, CWE established a student laptop loan programs funded by Tech Fee. The program initially featured 20 Macs and 5 Dell laptops, but six Macs and all five Dell laptops no longer function and required replacement. In collaboration with the Office of Information Technology, we purchased 15 new laptops this year. This funding enabled replacement of the 11 non-functional devices with current models while adding four additional laptops to expand program capacity. The new laptops support the latest Apple and Windows 11 operating systems as well as Cortex XDR malware protection, allowing the program to serve more students with up-to-date, secure technology.

20. School of Education Learning & Technology Resource Center Desktop Upgrade

In a collaboration between the Office of Facilities and OIT, the School of Education Resource Center is currently undergoing renovation scheduled for completion at the end of June 2025. OIT provided a new network switch to replace the nearly 15-year-old unit and upgraded the network cables from Cat5 to Cat 6a. We used Tech Fee funding to purchase 17 new Dell Precision 3660 computers featuring i9 processors, 16GB RAM, and 512GB SSDs. The new systems run Windows 11 and Cortex XDR malware protection, and all 20" monitors were upgraded to 24" displays.   The renovated computer lab is scheduled to open in July 2025 for summer classes.

21. Media & Communication Arts (MCA) Computer Teaching Lab Upgrade, Room SH 461

The MCA department is a media-driven program where students complete coursework using cutting-edge software, particularly Adobe Creative Cloud Suite. The 17 computers in lab SH-461, which serves Advertising/Public Relations (AD/PR) and Journalism classes, have been upgraded to the latest iMac 24" M4 system with 24GB RAM. This upgrade ensures seamless operation of Adobe Creative Cloud Suite applications, facilitating efficient workflows and enabling students to complete projects on schedule. Additionally, the enhanced systems support the program's growing demand while providing students with the professional-grade tools necessary for academic and career success.

22. A New Co-Lab Makerspace for EDM's Students, Room CG-118

The Art department's Electronic Design & Multimedia (EDM) program established a new Co-Lab Makerspace in room CG-118, serving all Art Department students. In collaboration with the Office of Information Technology, we purchased five (5) Dell Precision 7875 workstations. These high-performance systems provide the processing power necessary for resource-intensive tasks such as app development, virtual reality, and digital rendering, enabling students to work with

cutting-edge technology. Additionally, two (2) BenQ HT3569 projectors were purchased to enhance presentations and visual learning experiences in this innovative facility.

23. The Artino Teaching and Computational Math Computers Upgrade

The Math department's Artino Lab serves as a cornerstone of academic success at City College, supporting approximately 300-400 students weekly. The lab is used to teach several math courses, including calculus and advanced mathematics. It also provides essential in-person tutoring services and access to specialized software such as MATLAB and Mathematica, which are critical for various academic disciplines including engineering, science, architecture, and economics. In collaboration with the Office of Information Technology, we upgraded the 17 desktop computers to high-performance Dell Precision 3660 workstations featuring i9 processors and 32GB RAM. The new workstations run Windows 11 and Cortex XDR malware protection, and all 22" monitors were upgraded to 24" displays. These enhanced systems enable students to complete their academic work efficiently and without technical limitations.

24. Photography Technology Upgrade

CCNY's photography program is among the most comprehensive, offering twelve distinct courses including introductory (digital and analog), advanced, and special topics classes. Over 40 photography sections serve hundreds of students annually, encompassing both Art Department majors and non-majors. Years of budgetary constraints created a significant technology gap within the program. We were able to upgrade essential equipment to bridge this gap and ensure students gain experience with industry-standard tools used in entry-level photography positions:

- 15 digital cameras available for student loan.
- Portable lighting equipment enabling students to explore studio lighting techniques beyond the classroom
- Modern high-quality Epson projector for classroom presentations.
- Two (2) MacBook Pro M3 systems with 16GB RAM for in-class and take-home use.
- One (1) high-performance MacBook Pro M3 with 14-core GPU, 36GB RAM, and 8TB SSD for student work storage.

25. Introducing Bioassay Techniques Using Microplate Reader into Biology Curriculum

The Biology department is committed fostering students with the practical skills employers seek, regardless of their postgraduate plans. However, the rapid evolution on analytical laboratory technologies has left our teaching labs with insufficient and outdated equipment that no longer meets industry standards. To address this gap, we purchased a GloxMax Discovery Microplate Reader, a state-of-the art multimode instrument with advanced detection capabilities. This sophisticated equipment enables measurement of fluorescence, luminescence, and absorbance across both UV and visible wavelengths through an intuitive touchscreen interface with full PC functionality. The new microplate reader significantly expands analytical capabilities beyond our previous standard spectrophotometers, offering students exposure to the type of advanced instrumentation they will encounter in the professional laboratory settings. Students enrolled in Biological Foundations I (Bio 10100), Lab in Biotechnology for undergraduates (Bio 48300), Laboratory in Biotechnology for master's students (Bio A8300), and other relevant courses will

directly benefit from this equipment upgrade, gaining hands-on experience with cutting-edge analytical technology that enhances their marketability and technical competency.

26. Creation of a 2nd Gaming Pathway Lab

To support the expanding Gaming Pathways program, we partnered with the Facilities Department and Office of Information Technology to establish a dedicated second computer lab that eliminates space constraints and enhances student learning capacity. Using Tech Fee funding, we deployed 21 high-performance gaming workstations equipped with advanced processing power and professional-grade graphics capabilities. This specialized facility empowers all students with equitable access to industry-standard development tools while fostering collaborative innovation on sophisticated game design projects.

27. Writing Center Technology Upgrade

The City College Writing Center serves as a critical resource for undergraduate and graduate students, providing individualized tutoring for course assignments and personal statements. Outdated equipment and deteriorated furniture were creating barriers to effective learning, with malfunctioning computers and worn chairs that discouraged student engagement during tutoring sessions.

In partnership with the Office of Information Technology, we completed a comprehensive technology refresh, upgrading all 43 desktop computers to Dell Precision 3660 systems featuring i7 processors, 16GB RAM, and 24" monitors. We also added 10 Dell Latitude 5440 laptops with comparable specifications to support flexible tutoring arrangements and virtual sessions. Additionally, we installed a new printer to enable students to produce polished drafts for real-time feedback and replaced 70 chairs to create a welcoming, comfortable environment that supports sustained focus during tutoring sessions.

28. Student Technology Internship Program (STIP)

Through the invaluable support of Technology Fee funding, the Student Technology Internship Program (STIP) at CCNY continues to thrive, offering an exceptional learning experience for participants. This mutually beneficial program empowers students with hands-on, real-world training in cutting-edge technologies while simultaneously enhancing the college's technology infrastructure. STIP interns play a crucial role in ensuring seamless delivery of essential technology services across campus, supporting students and faculty in academic settings. By bridging theoretical knowledge with practical experience, STIP equips participants with the skills and expertise necessary to excel in the dynamic technology landscape, fostering a talented workforce ready to drive innovation.

STIP placed 43 of our part-time staff in the following divisions of OIT:

- Academic Technology Services Classroom Support

- OIT iMedia Reservation Desk (for Students and Faculty)

- Service Desk (Tier 1 support)

- College Wide and Divisional Client Services Support

- General OIT and Divisional Computer Labs Support

1. Library Services–Database and Digital Subscriptions

    A. **Please select one Category**: 2 – Continuing
    B. **Who Proposed:** Acting Associate Dean (Faculty)

Person Responsible for Project(s):   Mario H. Ramirez, PhD, Associate Dean and Chief Librarian

Telephone Number: 212-650-7271
Email: mramirez3@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.

FY 2026 Fiscal Year Budget:

Item Description	Cost
	Year 25 (2025 - 2026)
Library Digital Electronic Databases	
1.Thieme e-Journals	$4,951
2.EBSCO eBook Subscriptions	**10,131**
3.Emerald Management and Engineering	16,853
4. SciFinder Scholar	28,021
5. American Chemical Society	34,206
6. Cambridge Core	36,455
7. Springer Nature e-Books Collection	113,573
Total	**$244,190**

2. CCNY University-Wide Tech Fee Investment Program (UWTIP)

    A. **Please select one Category**: 2 – Continuing
    B. **Who Proposed:** IT Steering Committee

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 2025 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 **$256,000.**

3. Office of Information Technology (OIT) Maintenance and Licenses Cost

      A. Please select one Category: 2 – Continuing
      B. Who Proposed: IT Steering Committee

Person Responsible for Project(s):	Ken Ihrer, VP Office of Operations & 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:

    Deep Freeze, Paper Cut Manager Plus, LabStats, Digital Signage, QLess, Aruba wifi access point license renewals, Citrix Xen Desktop, Comodo SSL Certificate, Jamf Pro, Bomgar, Web-Checkout, SysAid, Chatbot, Smart Learning Suite for smartboards, etc.

3. General student computer labs' supplies (such as toner, paper, printer maintenance kits, etc.), computer lab replacement parts (such as keyboards, mice, printers, 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 and North Academic Center (NAC) buildings
iv. Music and Science Libraries printers for students.
v. Center for Worker Education (CWE)

FY 2026 Fiscal Year Budget:

Item Description	Cost
	Year 25 (2025 - 2026)
1. General Computer Labs 's equipment/Accessories	**$15,000**
2. Smart classrooms/Reservation Desk equipment maintenance	**40,000**
3. General Labs Maintenance	
Books Scanner	2,250
General Supplies	4,000
Paper	18,000
Toners & Maintenance kits	25,000
Sub-total	**49,250**
4. Software Licenses	
SurveyMonkey	468
Digital Signage License	800
AVI-SPL- Smart Learning Suite	950
PaperCut Remote	1,500
Deep Freeze	2,000
Harris Geospatial Solution-ENVI + IDL Academic	2,055
Casper Suite - JamF	3,550
Career Service Manager (CSM)	7,000
Bomgar Remote Access	7,453
LaBStats	7,920
SSL Certificate for wifi	7,950
Citrix Xen Desktop	9,086
WebCheckout	9,537
SysAid	10,450
Qless	21,056
Chatbot	22,000
LanDesk Patch Management	41,000
Wireless Licenses Support	98,000
Sub-total	**252,775**
Total	**$357,025**

4. University-Wide Initiatives (CUNY-UWI) Projects

    A. Please select one Category: 2 – Continuing
    B. Who Proposed: IT Steering Committee

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 22 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.

FY 2026 Fiscal Year Budget:

List of Software	Description	Year 25 (2025 - 2026)
SAS	SAS Core License	$ 2,383
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. Revitalizing experiential learning in physiology laboratories

    A.   **Please select one Category**: ☐ **N (New)**
    B.   **Please select one – Who proposed:** **6.** Faculty & Staff

    C.   **Person Responsible for Project(s):**   David Lohman
Telephone Number: 212 650-6584
  Email: dlohman@ccny.cuny.edu

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

Department(s)/division Affected by the current proposal:

Biology, pre-health students in other majors including Psychology, the Post-Baccalaureate Healthcare program, and Biomedical Engineering

How your proposal will impact students:

The proposed equipment will enhance experiential learning in the laboratory and in the field to better understand animal physiology, including factors critical to human health. Students will be 'learning by doing' and thus better understand multiple concepts relevant to their CCNY courses, the MCATs and other pre-professional exams, and their future careers.

Project Description:

We aim to upgrade the antiquated and failing equipment used in the instruction of Biology 20700: Organismal Biology, which is taken by approximately 180 students per year in Fall, Spring, and summer terms. These include students studying in many departments and programs, listed above. We request a variety of physiological sensors, a computer to collect and analyze data, and another to aid multimodal instruction.

During Biology 20700 laboratories, students will perform experiments both in the lab and in the field, collecting data about water temperature, salinity, oxygen use, and (neural/electrical) conductivity as part of their investigations on the environmental constraints on organismic physiology. These field-collected data will then be re-purposed in a lab experiment in which students take these measurements to assess the fragility of red blood cells in solutions of different pH and salinity. In addition, the oxygen sensor will be used in other exercises in which students measure a living animal's oxygen consumption (a measure of metabolic rate). Because some of these measurements are taken in the field (outside of a laboratory), laptop computers are necessary to collect the data and visualize it in real time. These sensors are designed to be used with a software package that has already purchased and will thus leverage past expenditures. When not in use by Biology 20700, the laptop computers will be available for use by many other courses in the Biology Department to maximize

their usefulness, notably in Biology 35200: Introduction to Immunology. This course is by around 60 students per year and is usually offered in the summer and one other term.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
MacBook Air 13"|16GB|256SSD, AP+ & USB-C AV Multiport	1	$1,147
MacBook Pro M4|10CPU/GPU|24GB|512SSD with Apple Care	1	2,148
Sub-total		**$3,295**
Miscellaneous		
PS-4210 Wireless Conductivity Sensor w/ Display ($139/ea.)	3	417
PS-4201 Wireless Temp. Sensor w/ Display ($89/ea.)	3	267
PS-4204 Wireless pH Sensor with Display ($129/ea.)	3	387
PS-3217 Wireless Oxygen Gas Sensor ($218/ea.)	1	218
PS-2195 PASPORT Salinity Sensor ($225/ea.)	1	225
Sub-total		1,514
Total		**$4,809**

6. School of Education – Multimedia Center – Computer Lab Upgrade

    A. Please select one Category: ☐ **N (New)**
    B. Please select one – Who proposed: 3. Staff

    C. Person Responsible for Project(s):   Doris Grasserbauer
    Telephone Number: 212.650 - 5795
    Email: dgrasserbauer@ccny.cuny.edu

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

Department(s)/division Affected: School of Education

How your proposal will impact Students:

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 candidates 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. We prepare our candidates for different computers, e.g. Windows and Apple, since both technologies are used in the different school districts throughout New York City and State. During class sessions the iMac desktops are used for research, learning, and teaching activities to provide the hands-on experience candidates need. Our candidates need to understand how these tools can best be used in the K-12 classrooms. Candidates are already having their field experience or student teaching using the devices available in their assigned school. During open lab, candidates edit the recording which they took during their teaching experience. Using outdated technology actively disadvantages our candidates and the thousands of urban schoolchildren they are already instructing and will educate in the years to come. At this point, knowing how to effectively use a variety of technologies (e.g. Smart Boards or Interactive Displays, PCs, MACs, laptops, iPads, scanners, VR and video equipment) in the classroom is a hiring criterion for schools. It is imperative that we continue to provide functioning lab equipment that is used by all our 1,200 (1/3 undergraduate, 2/3 graduate) students pursuing a teacher certification. We are in a pre-accreditation phase and need to update the Apple desktops in room 4/216 to be ready for the accreditation visit in Spring 2026**.**

Project Description:

The rooms of the Multimedia Center NAC Room 4/221 and 4/216 are used as classrooms as well as open labs. In 4/216 we have currently fourteen (14) Apple desktops which are being used for video editing and during class sessions. The desktops are between eight (8) and eleven (11) years old. We would like to replace four (4) non-functioning devices during the upcoming academic year.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		Year 25 (2025 - 2026)
iMac 24" Apple M4 chip, 32GB, 1TB + Apple Care, $2,288	4	$9,152
Total		**$9,152**

7. One Stop Student Services Center Computer Replacement

  A. **Please select one Category**: ☐ 2. **C** (Continuing Project)
  B. **Please select one – Who proposed: 5.** Students & 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

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

Department(s)/division Affected:

Division of Enrollment Management (e.g. Admissions Office, Financial Aid Office, and Registrar's Office), Division of Humanities & Arts, Colin Powell School of Civic and Global Leadership, Division of Science, the Grove School of Engineering, the Bernard and Anne Spitzer School of Architecture, School of Education, CUNY School of Medicine. All students enrolled at CCNY.

How your proposal will impact Students:

The One Stop Student Services Center is the centralized hub for student inquiries regarding admissions, registration, financial aid, student accounts, and general student services. As they obtain their education, students must navigate a labyrinth of departments and contact points to receive essential support. The implementation of the One Stop Student Services Center provides a structured and responsive communication platform to address student needs efficiently and effectively and help them avoid frustrating bureaucratic inefficiencies. In the last couple of years,

the CCNY Student Technology Fee has allowed the One Stop Student Services Center to start fresh and grow into streamlined service for meeting out students' complex administrative and academic needs. Due to this funding, our student ambassadors and our subject matter experts in Admission, Financial Aid, and Registrar have triaged effectively and efficiently our student concerns and questions, with the leverage of having access to laptops and desktops where they can quickly look and resolve their concerns. However, the computers are now outdated and do not support Windows 11 upgrade and the new XDR Security Software.

Project Description:

The Division of Enrollment Management seeks financial support from the CCNY Student Technology Fee to continue and establish the expansion of the One Stop Student Services Center call center to improve communication and service delivery for students, faculty, and staff. By centralizing call operations, this initiative will enhance response times, increase efficiency, and provide a seamless support experience for students navigating admissions, registration, financial aid, and student accounts. To achieve this, we are requesting funding to upgrade six (6) desktop computers which do not support the new Windows 11 Operating System and Cortex XDR malware protection. We are also requesting funding to purchase a shredder for securely disposing of confidential student information and two (2) scanners to collect confidential documentation for student proof of residency to be scanned and approved. Additionally, we require funding for purchasing 10 headphones with noise-canceling capability.

Thanks to the hard work of our support team and Tech Fee funding, the One Stop Student Services Call Center has created a structured and efficient environment for addressing student inquiries, reducing frustration, and ensuring timely and accurate information delivery. By leveraging proven technology, investing in upgrading the necessary equipment. This initiative will significantly enhance the student experience at CCNY. We look forward to the CCNY Technology Student Fee support in making this critical resource a reality.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
Prec. 3680 T-i9/16GB/512SSD+ Ext warr& dual P2725 Mon.$1,365	6	**$8,190**
Miscellaneous/Accessories		
Kensington Off Asst. Shredder M200 $390	1	$390
HP Scanjet Pro 3000 S4, $ 328 each	2	656
Headphones (Noise-Canceling) $88 each	10	880
Sub-Total		**$1,926**
Total		**$10,116**

8. Psychology On-line Asynchronous BA BS Degree Recording Studio

    A. **Please select one Category**: ☐ 1. **N (New)**
    B. **Please select one – Who proposed:** **6**. Faculty & Staff

  C. **Person Responsible for Project(s):**   Hawai Kwok
  Telephone Number: 212.650 - 6777
  Email: kwok@ccny.cuny.edu

7=G   Upgrading instructional spaces to **support technology-assisted learning,** such as Smart Classroom

Department(s)/division Affected: **Psychology/Colin Powell School**

How your proposal will impact Students:

The accessibility of content: quality of the audio and improved engagement and enhanced experienced. A new fully asynchronous online (OLA) BA and BS in psychology will launch as of Fall 2025. The development of these OLA courses started in the summer of 2024 with financial support from CUNY to match instructors with OLA pedagogical experts. What was missing in all of this was a professional studio whereby the instructors can record introductions or comments during each of the units. The department asks that one room be equipped with professional recording technology that our instructors can use to add and edit content. This is especially crucial as new research literature alters what we teach. This would include a camera, a mic, smart pen, and access to a screen that can easily move from one platform to another (e.g. Youtube – excel). This room will be accessible to instructors with appointments and under the supervision of the staff in the psychology department. An audio mic headset that is adaptable for large lectures

Project Description:

The psychology department, in spearheading CUNY's drive to provide high-quality online instruction, requires these technologies. In just two months since offering OLA, we have approximately one hundred students. The demand for education is there and the equity that it provides in this format, especially with lower tuition for out-of-state and international students, is more than timely. In order to present a solid and professional-looking educational product, this recording space affords faculty the equipment needed.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
Prec. 3680 T-i9/64GB/2TSSD+ Ext warr. and P2725 Mon.$1,604	1	$1,604
iPad Pro 11 M4 -256GB + Apple care	1	1,065
Sub-total		**2,669**
AV Equipment /Projection Devices		

Shure SLXD24D/B58-G58 Band Wireless Microphone System	1	1,339
Panasonic TH-86CQE2U CQE2	1	3,772
Sub-total		**5,111**
Networking		
Wiring Cables	1	1,000
Aruba AP-535 Wi-Fi 6	1	1,231
Sub-total		**2,231**
Miscellaneous/Accessories		
iPad 11 Pro M4 Case	1	67
Microphone	1	300
Sound Proofing	1	600
Yealink UVC40 E2 USB Camera	1	631
Sub-Total		**1,598**
Total		**$11,609**

9. Upgrades the EDM Lab Media, Audio and Animation Technology

A. **Please select one Category**: ☐ 1. **N (New)**
B. **Please select one – Who proposed: 3**. Staff

C. **Person Responsible for Project(s):**   Arthur Jones
Telephone Number: 212.650 - 7095
Email: ajones1@ccny.cuny.edu

2=B   Acquiring or upgrading **accessible technology**

Department(s)/division Affected:

The Department of Art [Electronic Design & Multimedia] serves over 600 students in the major. Of these, 375 are either in the BFA in Electronic Design and Multimedia or the BA/Digital Design Concentration + CUNY BA + minors in Art. In addition, many Studio Art majors, Art minors, MCA students, CUNY BA students, and students from Computer Science and Architecture take EDM courses—and with emerging career tracks in UX/UI design and Animation, EDM is likely to see more interdisciplinary crossover across the campus. We've also had many double majors in the program, combining Biology, Computer Science, Music, Advertising and Public Relations and other disciplines. Each academic year, EDM offers approximately 75 classes (averaging 35 courses each Fall and Spring, plus summer) for roughly 1400 seats per academic year and contained within four classrooms and open labs. Our department also offers full service, large format, archival inkjet printing through the Digital Output Center (DOC) as a service to our students and colleagues across the campus. This lab produces work for over 150 undergraduate and graduate students from across campus each semester.

How your proposal will impact Students:

EDM finds it to be essential that students in all areas of digital design work with up-to-date creative technology. To meet industry standards, we need to provide a reasonably up-to-date environment that replicates what students would find in a professional work environment. The primary goal of our EDM program is to help students find employment in design and related industries. Our proposal ensures that EDM students will remain competitive as they seek opportunities as graphic designers, illustrators, creative programmers and coders, and animators who can work in the multiple roles that the industry increasingly demands. Our students receive notice within the design industry based on their portfolios, which they would not be able to build if they were required to work with outdated technology. Current EDM students have held internships at Pixar, Facebook, Google, Nickelodeon, Sci-Fi Channel, AOL.com, HBO, Marvel Comics, OUT/The Advocate, Sports Illustrated, Time, Rolling Stone, and Viacom. Recent EDM alumni are employed at NBC Universal/Peacock, Conde Nast, Fast Company, Discovery Channel, Dow Jones, Penguin Random House, Scholastic, United Nations, The Wall Street Journal, and IDEO.

Project Description:

EDM is asking for an investment in new technology as well as equipment upgrades and accessories for use in our teaching labs and classrooms. Our proposal includes five Oculus Meta Quest 3 VR headsets, and 2 high-spec PC's to do AR/VR development and 3D rendering in order to continue to support existing and proposed teaching of mixed reality (AR/VR/XR), 3D animation, and other immersive media in our classes. This will allow our students to gain knowledge and experience with the technologies and skills that are currently in demand in the industry, which increasingly requires multiple skills in order to be competitive in the creative workforce.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
Oculus Meta Quest 3 VR/512GB W meta–Horizon Managed Sol. $760	5	$3,800
ThinkStation P620 Ryzen Pro AMD 32GB|1TSSD $2,740	2	5,480
Sub-total		9,280
Miscellaneous/Accessories		
Meta Compact - hard case headset $38	6	228
Startech HDMI-USBC cables, $40	16	640
Yamaha RXV-385 AV amplifier receiver, $306	5	1,530
Sub-total		**2,398**
Total		**$11,678**

10. Upgrading the Projection System: Enhancing Learning, Safety, and Professionalism in the CUNY DSI Archives and Library Multi-Use Space

    A. **Please select one Category**: ☐1. **N** (New)
    B. **Please select one – Who proposed**: **6.** Faculty & Staff

    C. **Person Responsible for Project(s):**   Sarah Aponte
    Telephone Number: 212.650 - 7170
    Email: aponte@ccny.cuny.edu

7=G   Upgrading instructional spaces to **support technology-assisted learning,** such as Smart Classroom

Department(s)/division Affected:

The CUNY Dominican Studies Institute Archives and Library educational workshops are attended by students, faculty, and staff from multiple schools and divisions such as Division of Humanities and the Arts, School of Education, The City College Libraries, The Colin Powell School, Center for Worker Education, and Student Associations

How your proposal will impact Students:

Upgrading to a smart TV screen will significantly enhance the learning experience for students who attend workshops, presentations, and other educational activities in the CUNY DSI Archives and Library multiuse space. With improved resolution, wireless connectivity, and interactive features, the new system will allow students to engage with archival and library resources more dynamically. Sharper images, better color accuracy, and enhanced interactivity will make the content more accessible and visually appealing, which will aid student comprehension, especially when working with complex or detailed materials. Additionally, the wireless connectivity will streamline the learning environment, making it easier for students to share and access digital resources without the distractions of tangled cables or technical difficulties. The high-definition visuals will ensure that all participants can clearly view and engage with the content, regardless of seating location, promoting a more inclusive and effective learning atmosphere.

Project Description:

This proposal seeks to replace the outdated projector system in the CUNY Dominican Studies Institute Archives and Library multipurpose room with a modern, high-resolution, smart TV screen. The new system will include advanced features such as image zooming, annotation capabilities, and seamless device connectivity, which will enhance how archival and library resources are displayed and shared during educational workshops, conferences, and meetings. The current system's reliance on cables running under the tables presents safety risks, normally for individuals walking through the room. A new wireless system will eliminate this hazard, ensuring a safer environment for all users. Moreover, the wireless connectivity will reduce the time spent setting up the equipment, allowing instructors to focus more on content delivery and less on troubleshooting technical issues. The new system will also bring

flexibility and adaptability to the space, as professors and other users will not need to request class visits with extra advance notice, as is necessary today, to allow for the technical setting of the space: the Archives & Library staff will be able to get the space ready within minutes. Upgrading to a wireless smart TV screen will also support long-term needs, offering compatibility with online tools, streaming services, and new devices. This ensures that the investment aligns with evolving educational goals, including facilitating hybrid learning environments through integration with video conferencing tools and live streaming services.

In conclusion, this investment will address current safety hazards, outdated technology, and the need for a more professional, flexible teaching environment. Additionally, it will enhance the overall educational experience for students, faculty, and staff, while potentially reducing long-term maintenance costs and improving energy efficiency.

2026 Fiscal Year Budget:

Items	Qty	Cost
AV Equipment /Projection Devices		**Year 25 (2025 - 2026)**
Poly Studio USB Video Bar+ 10ft HS HDMI Cable	1	$497
Kramer VIA Connect2 - presentation server	1	1,085
Chief Fusion X-Large Mobile TV Cart - For Displays 55-100" -	1	1,768
Panasonic 98" Class 4K UHD Entry-Level Display	1	8,400
Total		**$11,750**

11. Technology Upgrades for The Art Education Program

A. **Please select one Category**: ☐ **N** (New Project)
B. **Please select one – Who proposed:** 7. Students/Faculty & Staff

C. **Person Responsible for Project(s):**   Marit Dewhurst/Anne Feng
Telephone Number: 212-650-7433
Email: mdewhurst@ccny.cuny.edu

4=D   Improving and implementing Student Services

Department(s)/division Affected: Art Education in Humanities & Arts and School of Education

How your proposal will impact Students:

Our justice-centered program aims to support our students in creating work in the art education field. Through both the process and results of this work, we also aim to uplift the larger community of artist educators. We strive to be a space that encourages, empowers, and engages students in their efforts to become better artist educators. In all parts of our program, we strive to reflect our

core values of community-building and social justice. We infuse these values to our physical spaces, materials and equipment, as well as ourselves as staff and faculty in the program. We aim to model our mission of advocacy in practical ways such as: hosting open studio hours where students may come in and utilize our space and supplies to complete their classwork; running student-led workshops on weekends to learn more about materials and pedagogy; being open for advising and advocating for our students as they progress through their degrees and after; and keeping our supplies and space stocked, organized, and updated. All of these efforts allow for students to rely on and trust the resources and equipment that we provide in our program, which helps to build the trust and confidence they have in each other as colleagues of the same mission.

With these goals in practice, our facilities and resources receive constant and heavy engagement from our students. We currently serve approximately 100 undergraduate and graduate students through ongoing programming, and over 500 students through regularly scheduled courses each year. The classrooms are not only often active from 8am to 8pm each weekday, but also receive regular use on weekends due to free and student-led art workshops open to program peers, City College students and affiliates, and the wider NYC community. One of our programs include City Art Lab, our free after-school arts program that engages 30 to 40 high school students each spring. Our classes are open to all CCNY students and typically bring together students from a variety of tangential concentrations such as Art Museum Education, Art History, Childhood Education, and many students with an interest in the arts and education. Throughout the school week, students are encouraged to drop by whenever they need to utilize our supplies, resources, or receive advising on their classwork and career. Within our three rooms, we are currently working with two projectors, two printers, and two desktop computers that were acquired in 2011, nearly 14 years ago. Among the full-time staff and faculty, we have three laptops in heavy use. These are the same resources the faculty rely on for their instruction in our spaces.

Since 2011, our desktop computers, keyboards, and mouses have not been replaced and consistently run into issues with internet, sound, presentation, speed, and overall functionality of the computers. Our faculty members have come to expect hours of frustration in working with our computers for class and regularly arrive to campus early to allow for ample time in troubleshooting technical issues. These current desktop computers prevent fluid transitions in class instruction, prevent us from sharing up to date technology with students, and do not allow for realistic hybrid teaching as is often required. The software on these computers are out of date and can no longer be updated, leading to many issues and headaches with common-use software such as Zoom and the Adobe Creative Suite. New desktop computers with faster system processing speeds and updated systems would not only save both faculty and students significant time in their instruction and work, but help aid our efforts in providing reliable and trustworthy resources for students to lean on in the midst of their studies. For one of our classrooms, a faculty member brought in her old set of speakers to try to increase the sound quality in one of the rooms since we currently do not have any speakers connected to our computers. This results in audio that is not accessible for students when we play regular instructional videos in class and workshop activities. Especially for

students who value audio material and resources for learning, and also to greatly improve our efforts to teach through and towards a variety of disciplines, three new sets of speakers that can connect to desktop computers and monitors for our three learning spaces would be deeply effective. We would designate a set of speakers for each of our classroom spaces.

In addition to the poor speed, software stagnation, and lack of audio, our overhead projectors are also out of date. Our overhead projectors have also not been updated since 2011, and are weakening in brightness and color correction, making presentation of arts-based learning materials difficult to achieve during the day. We are requesting two overhead laser projectors to replace our current ones. In the long run, these projectors will be more cost effective and environmentally sustainable as they do not contain any mercury and help save energy and costs due to longer-lasting lamps. Classes will also run smoother and more efficiently due to faster startup and cooling times.

Our third classroom space, City Art lab, is the primary space used for community outreach and student activities when not in use for regular classes and is often utilized as a "maker's space". Most of our printmaking and community-based outreach programming happens here. In these programs, we serve students across campus, offering free workshops for student clubs, Colin Powell Peer Leaders, and outside community organizations. As this room is constantly switching from one mode of learning and artmaking to another, it needs upgrades so that both students and faculty can utilize the space to its fullest potential. Currently, there is no technology available for anyone to present information in front of a group, making it difficult for information to be shared and learning to occur. Adding a monitor with speakers to this space would greatly alleviate the extra effort faculty members and students have taken to ensure accessible learning in this multipurpose space, and ensure that this classroom can meet the standard of mobility and flexibility to accommodate diverse learning methods. Specifically, a monitor with a rolling stand (i.e., with wheels) would allow students and faculty to project images and prepare materials for printmaking and community art workshops. We are also looking for a printer to utilize in this City Art Lab space, as currently there are no accessible printers available for our faculty members to print out learning materials and images for the students. This would greatly relieve the stress of both instructors and students when in need to physically print out materials, which are conducive for our focus on visual arts.

In addition to our three desktop computers request, we are also in need of two additional laptops: One is a great need for our program director, Marit Dewhurst, as her current work laptop is over a decade old from CCNY and has been in use since she started at CCNY in 2010. A second laptop is also in need for general classroom use, so that our hundreds of students and faculty members can have mobility in learning and instructing.

This project aims to:

- Relieve current frustrations and struggles of learning in our current instructional and community outreach spaces. Provide access to updated and reliable technology/resources for students, faculty, staff, and community members beyond the university. Permit full time faculty and staff members to complete their work in a more mobile method, allowing for deeper and broader work to be accomplished.

Project Description:

We are requesting support for bringing our technology resources up to date to provide for flexibility, creativity, and sustainability. Working in the arts, we request three (3) new Apple desktops to allow for the use of the Creative Suite and other art and design software, and to increase both efficiency and reliability in the classroom. We request one portable monitor and a printer to allow for flexibility and accessibility in both instruction and teaching in our "maker's space" room, which often hosts community outreach programming. We also request three sets of speakers for better quality audio functions in our classes. We are also in great need of two (2) new Apple laptops to replace our Program Director's 2010 work laptop and to increase the portable resources for our faculty members in our classrooms, thus increasing the efficiency of classroom instruction. Lastly, we are also requesting two (2) new overhead laser projectors to replace our current, ill-functioning projectors and increase our use of environmentally friendly products.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
MacBook Pro 14" |10- CPU/GPU, 24GB 1TB S+ Apple care = $2,327	1	$2,327
iMac 24", M4, 32GB, 1TS, 10 CPU/GPU+ Ext Apple care=$2,288	2	4,576
Sub-total		**6,903**
Peripherals		
HP LaserJet M554 M554dn	1	**855**
AV Equipment /Projection Devices		
Chief Fusion X-Large Ultrawide Mobile TV Cart,	1	1,768
Panasonic TH-86CQE2U CQE2	1	3,772
Panasonic 5200 Lumens WUXGA Laser Projector, $2,363	2	4,726
Sub-total		**10,266**
Miscellaneous/Accessories		
Logitech Z207 Bluetooth Computer Speakers, $ 58	2	**116**
Total		**$18,140**

12. Photography Technology Upgrades Loaner Cameras

    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

9=I   **Expand student access to current and emerging technology**

Department(s)/division Affected:

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

How your proposal will impact Students:

We plan to start a pilot lending library of cameras for students, by acquiring 20 new cameras to be loaned out for introductory digital photography courses. With the new cameras, we hope to begin to:

- Address rising costs that are a barrier to entry in the field of photography.
- Respond to student concerns, and reports from Department Advisors that expenses are stopping students from enrolling in photo classes.
- Make the medium of photography more accessible for CCNY 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.

Up-to-date equipment is particularly essential for photography. It is a rapidly evolving and highly technical artistic medium. This project aims to provide:

- Free Cameras to be made available for check-out to students enrolled in photography courses, to improve financial accessibility. The cameras for students are our top priority for this budget.
- A large-format inkjet printer for student use.
- Continued classroom upgrades including updated lab equipment and studio lighting tools for students to borrow.
- Access to new/recent technologies and equipment necessary for photography courses.

In each of our forty course sections every year, the equipment that we are requesting will benefit all students. The requested cameras will be available to students who need them. 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 proposal aims to address in part 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, studio lighting equipment, a printer, lab equipment, and cameras to loan to beginner students, and other essential equipment. 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 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.

Project Description:

We aim to supply all students who need them with cameras, 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 24 course sections/year in our area, we are requesting the following upgrades:

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
Peripherals		
Epson SureColor P900 - large-format printer	1	$1,472
Canon EOS Rebel T7 DSLR Camera 18-55 /75-300mm lenses, $600 ea.	20	12,000
Sub-total		**13,472**
Miscellaneous/Accessories		
Tether Tools TetherPro USB Type-C Male to USB C - Orange, $48	1	48
Doran 10x12" Safelight Filter (Red), $50 each	1	50
Tether Tools TetherPro USB Type-C Male Black/Orange, $32	2	64
Godox XProC TTL Wireless Flash Trigger Canon Cameras, $63	2	126
Paterson Darkroom Safelight with Red A-Dome Filter, $70	2	140
Logan Graphic Products 450-1: 40" Artist Elite Mat Cutter, $235	1	235
Arkay Darkroom Safelight (SL10-L) Red Filter for SL-10, $60	4	240
PocketWizard PlusX Transceiver, $84	3	252
Godox AD300pro Outdoor Flash W Softbox and Stand Kit, $498	2	996

GraLab Model 300 Electro-Mechanical Darkroom Timer, $290	4	1,160
GraLab Model 451R Electronic Timer, $380	4	1,520
Godox AD600Pro Witstro All-in-One Outdoor Flash, $598	4	2,392
Sub-total		**$7,223**
Total		**$20,695**

13. Upgrading Laboratory Workstation in Physics 20700 (University Physics I)

A. **Please select one Category**: ☐1. **N (New)**
B. **Please select one – Who proposed:** **6**. Faculty & Staff

C. **Person Responsible for Project(s):**   Prof. Sebastian Franco
Telephone Number: 212.650 - 6832
Email: sfranco@ccny.cuny.edu

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

Department(s)/division Affected:

Physics Department, Division of Science, full college (particularly Engineering)

How your proposal will impact Students:

Upgrading these machines will Significantly enhance student learning by reducing downtime and frustration during lab activities. Improve performance and usability of software used for physics simulations, graphing, and data analysis. Ensure that our laboratory facilities are on par with current instructional standards in science and engineering education. Support the increasing number of students enrolled in physics and related programs. Provide reliable infrastructure for assessment and instruction continuity, including accommodations and make-up labs.

Project Description:

The Physics Department requests funding through the Technology Fee allocation of the Division of Science to support the replacement of outdated computer equipment in our PHYS 207 laboratory (Room MR409S). We are seeking $21,182 to purchase 14 new Dell OptiPlex All-in-One Plus 7420 desktop workstations. This proposal directly supports student success, instructional quality, and departmental efficiency.

PHYS 207 (University Physics I) is a foundational course for students at CCNY. It includes a hands-on laboratory component designed to reinforce core concepts through experimental inquiry and

data analysis.   Currently, the desktop computers in the PHYS 207 lab are severely outdated and have become a major impediment to effective instruction, and are incapable of complying the the college's Network Host and Cybersecurity Requirements.   The impact of this outdated equipment is substantial: over 900 students per academic year, distributed across 12–13 sections in the Fall and Spring and 3–5 sections in the Summer, are directly affected by the degraded lab performance.   Moreover, enrollment in PHYS 207 has been steadily increasing in recent years, and we expect this trend to continue.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
Dell 7420 AIO -i7/16GB/512 SSD + Extended Warr., $1,513	14	$21,182
Total		**$21,182**

14. MCA Student Laptop Loaning Program Expansion

    A. **Please select one Category**: ☒ 1. **N** (New Project)
    B. **Please select one - Who proposed: 6.** Faculty & Staff

  C. Person Responsible for Project(s):   Susan Mei
  Telephone Number: 212-650-7326
  Email: smei@ccny.cuny.edu

9=I   Expand **student access to** current and emerging technology

Department(s)/division Affected: Media & Communication Arts (Division of Humanities and the Arts) students

How your proposal will impact Students:

Many of the courses offered at Media & Communication Arts require students to work on a computer using software like Adobe Photoshop, Adobe Premiere, and Adobe InDesign. While we have computer labs for students to work in, some students have expressed the need to bring their work home to complete. However, many do not have a powerful enough laptop to run these programs or they might be using a Windows/PC computer, which is not compatible with the iMacs we have in our labs (which means the work they started in school cannot be opened at home with their home computer). If MCA can purchase laptops for students to borrow (either by project-base or semesterly), it will save students time and money.

Project Description:

The Media Communications Arts Department (MCA) is requesting funds to purchase ten (10) Apple MacBook Pro 14" laptops to address critical resource shortages for our Film, Journalism, and Ad/PR students. We have 117 students enrolled this semester across programs (40 Film, 60+ Ad/PR, 17 Journalism. Currently, we only have eight (8) functioning laptops available for circulation which are reserved for thesis students who have final projects to submit.   The laptops will be securely housed in SH 380 for efficient management of the checkout process, ensuring equitable access during peak usage periods and critical deadlines.   These ten (10) new laptops will help us enhance learning opportunities for our media students, but they will also expand access beyond just thesis students, especially during critical project deadlines. The laptop needs to have enough memory and storage space to run Adobe Applications, especially for Premiere Pro. Many students have been filming in 4K or creating photos in higher resolutions, so the memory of the laptop should be able to support the increased resolutions.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
MacBook Pro 14"|16- CPU/GPU, 24GB| 512 SSD| AP+ = $1,987	10	**$19,870**
Miscellaneous/Accessories		
Belkin 14" Laptop 14" Sleeve -Black, $164	10	1,640
Apple 240 W USB-C Charge, $378	10	3,780
Sub-total		5,420
Total		**$25,290**

15. Music Library Computer Upgrade

    A. **Please select one Category**: ☐ **N (New)**
    B. **Please select one – Who proposed: 6**. Staff

    C. Person Responsible for Project(s):   John Carrero
    Telephone Number: 212 650 -7271
    Email: jcarrero@ccny.cuny.edu

C.   Implementing or upgrading **Student-servicing** computer Labs

Department(s)/division Affected: Any student who uses the Music Library Computer Lab

How your proposal will impact Students:

The 15 iMac in The Music Library locates in Shepard Hall are over ten (10) years old and have reached the end of their functional lifespan. These outdated computers are incompatible with current software required for music coursework and will soon be blocked from the CUNY network in accordance with OIT's network host and cybersecurity requirements that prohibit unsupported operating systems.

Project Description:

The Music Library located on the first floor of the Shepard Hall's computer lab serves as a critical equity bridge for students who require access to specialized music software including Sibelius Ultimate, Artusi, and MuseScore for coursework and assignments demanding significant computing power. Since the early 2000s, this dedicated facility has addressed the dual challenge of software accessibility—both the high cost of professional music applications and the substantial hardware requirements needed to run them effectively. However, our current lab computers, purchased in 2014, have reached end-of-life status and now create barriers to student success rather than removing them. These decade-old systems lack the processing power, memory, and storage capacity required for current music software versions, forcing students to work with outdated applications that don't align with industry standards or academic requirements. More critically, these computers run legacy operating systems with documented cybersecurity vulnerabilities that cannot be patched or updated, creating institutional risk and potentially compromising student work and data. This equipment replacement represents an urgent need to restore the lab's foundational mission: ensuring all music students have equitable access to the professional-grade technology tools essential for their academic achievement and career preparation, regardless of their personal financial resources or technical infrastructure.

Several music courses require students to use specialized software such as Sibelius Ultimate, Artusi, MuseScore, etc. for projects and assignments that demand significant computing power. Many students lack access to computers capable of running this software, and the software applications themselves are expensive for many of our students. To address this equity gap, since the early 2000s, the Music Department and Library have maintained a dedicated computer labs that provide access to essential technology and software. The current lab computers, acquired in 2014, have reached their technological limits. They lack the hardware specifications necessary to support current operating systems and the latest versions of music software that students need for their coursework. Additionally, these outdated systems run legacy operating systems that pose documented cybersecurity vulnerabilities and cannot be updated further. Replacing these aging computers is essential to provide students with secure, reliable access to industry-standard tools required for their academic success and professional development.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026**
iMac 24" M4-10 CPU/10 GPU, 16GB|512 SSD, AP+ $1,715	15	$25,725
Total		**$25,725**

16. Upgrading the Student Laptop Loaning Program and Classroom Projector Support Academic Continuity and Instructional Quality (CWE)

A. Please select one Category: ☐ **C (**Continuing Project**)**
B. Please select one – Who proposed: **2**. Faculty

C. Person Responsible for Project(s): Elizabeth Matthews
Telephone Number: 212-625-9925
Email: ematthews@ccny.cuny.edu

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

How your proposal will impact Students:

These two (2) initiatives are strategic investments in student equity, access, and instructional quality. Ensuring students have access to updated laptops protects their ability to continue coursework uninterrupted, especially those taking courses in fully online formats. Simultaneously, updating classrooms ensures that all students—whether attending in person or online—receive the high-quality, accessible education they deserve.

Project Description:

The Division of Interdisciplinary Studies (CWE) respectfully requests funding to support two (2) critical technology initiatives that directly impact student success and instructional delivery:

Project #1: Replacing Obsolete Loaner Laptops and Project #2: Upgrading Classroom's Projectors

Project #1: Replacing Obsolete Loaner Laptops

CWE serves a diverse student population, many of whom balance academic commitments with full-time work and family responsibilities. A significant portion of CWE's course offerings is fully online, meaning reliable access to technology is essential. Unfortunately, a growing number of students face challenges due to damage, theft, or failure of their personal devices. To bridge this gap and support students in continuing their coursework without interruption, CWE maintains a short-term and semester-based laptop loan program. However, the majority of our current loaner laptops are approaching end-of-life and must be remove from all systems. Security, Microsoft Office, browsers will not be compatible with obsolete equipment.

We request ten (10) new Mac Air laptops to continue the loan program. Without updated loaner laptops, students will face delays in assignment submission, difficulty participating in online discussions, or even course withdrawal—all of which negatively affect retention and completion. By funding the purchase of ten (10) new MacBook Air laptops, this grant would

ensure that students have access to reliable, modern equipment. Purchasing new devices will also allow our to comply with OIT's network host and cybersecurity requirements.

Project #2 Upgrading Classroom's Projectors

CWE classrooms and currently outfitted with insufficient brightness projectors, which are no longer adequate for daytime instruction. These current projectors were suitable when evening courses dominated the schedule. However, CWE now offers a growing number of daytime courses, and instructors report that visibility is compromised by ambient light. This has a direct impact on student engagement and learning outcomes, particularly in courses where visual content—such as slides, video, or demonstrations—is essential. Upgrading projectors to 5,200 lumens light brightness capacity model in six (6) classrooms will ensure instructional materials are clearly visible in all lighting conditions, enhancing both teaching effectiveness and the student learning experience.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
MacBook Air 15" , M4, 16GB| 512 SSD| Apple care = $1,405	10	**$14,050**
AV Equipment /Projection Devices		
Epson Perfection V19 II Flatbed Scanner 5	1	83
NEC PA600CM - ceiling mount, $256	6	1,536
NEC NP-PE506UL - LCD projector, $2,137	6	12,822
Sub-total		**14,441**
Miscellaneous/Accessories		
15" notebook carrying case. $13 each	10	**130**
Total		**$28,621**

17. Sonic Arts Center Computer Upgrade

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

B. Please select one - Who proposed: 6. Faculty & Staff

C. Person Responsible for Project(s): -   Winy Taveras & Sonic Arts Dir.
Telephone Number: 212-650-6541
Email: wtaveras@ccny.cuny.edu

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

Department(s)/division Affected: Sonic Arts Center, Music Department

How your proposal will impact Students:

For thirty years the Center has been one of the leading programs for music and audio technology training in the country. During this time the Center has honed a reputation for high quality training employing the most current audio technology tools. The Sonic Arts Center is run exactly like a professional recording studio. We are open 24 hours a day, seven (7) days a week. Our students are frequently involved with recording the more than 260 students and faculty of Music Department and work with many students and faculty of the Media and Communication Arts department on various film and video projects. Therefore, this proposal will serve many of the students and faculty of the Center, the Music, and MCA Departments. Unfortunately, we are now at a critical juncture whereby the lack of appropriate computer resources is beginning to erode our ability to provide our students with the appropriate level of training. Presently, the Center's computers are five (5) years old and no longer covered under warranty. Since these computers are Intel models and not Silicon versions, we are now facing issues with upgrading our software to the most current versions. Software manufacturers have started to phase out support for Intel models which makes it impossible for us to upgrade our software. Without the appropriate computer support, our curriculum will no longer be able to develop and change to reflect the current trends in the music and audio technology industry. This compromises our student's education and creates a distinct disadvantage when they seek employment in today's music and audio technology industry.

Project Description:

The Sonic Arts Center is comprised of seven (7) music audio technology studios. Five (5) of these studios currently employ an Intel Mac Pro tower that now require an immediate computer upgrade to be compatible with current and future software upgrades and purchases. In addition, a total of four (4) laptops are required, three (3) of these Apple laptops are required to replace five-year-old models that are used by the full-time faculty and staff for testing software, software upgrades, and developing our OER curriculum and a new MacBook Air 15 is requested for students to borrow. Purchasing new devices will also allow us to comply with OIT's network host and cybersecurity requirements. We are requesting $36,264.24 to replace these computers. All networking and interfacing of the new computer resources will be done by the Sonic Arts Center staff.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
MacBook Air 15" M4|10CPU/16GB, 256SSD |AP+ ,$1234	1	$1,234
MacBook Pro 14"|14CPU/32GPU, 326GB| 1TB| AP+ = $3,038	1	3,038
MacBook Pro 16"|14CPU/32GPU, 326GB| 1TB| AP+ = $3,366	2	6,732
Apple Ultra M3,256GB/2TB, 32C|80GB + 3yr AP+ =$7,366	1	7,366
Apple Ultra M3, 96GB/,2TB, 28C|60 C + 3 yrs AP+, $4,314	4	17,256
Sub-total		**35,626**
Miscellaneous/Accessories		
Plugable 16" Thundrbl T 4 Dock, $249	1	249
Sonnet MaCCUFF Studio Lock for Mac Studio,78	5	390
Sub-total		**639**
Total		**$36,265**

18. SSA Upgrade CADLab Computers

    A. Please select one Category: ☒ 1. **N** (New Project)
    B. Please select one – Who proposed: **3**. Staff

    C. Person Responsible for Project(s):   Muhammad Ahmad
    Telephone Number: 212-650-8819
    Email: mahmad@ccny.cuny.edu

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

Department(s)/division Affected: Architecture (450+ students) and
Joint programs such as Science, Engineering, Colin Powell, Student Clubs (NOMAS, AIAS, GARC, Engineers Without Borders

How your proposal will impact Students:

The Spitzer School of Architecture enrolls at least 450 students- most of whom are full-time and enrolled in required design courses. Unlike most City College students, the Spitzer School of Architecture (SSA) students not only pay a tech fee, but also a materials fee every semester. The Spitzer School of Architecture prides itself as being the first public school for architecture in New York City. With this pride there is an inherent sense of responsibility to provide our students with a world class education and facilities to train them for the rigors of the real world. For students to be prepared for challenges of today's workforce, they need to have access to the latest technology and tools to succeed in their classes and beyond.

Project Description:

The CADLab in SSA has 22 computers that no longer support current or even recent versions of professional software that students are required to use. While they are still functional and can be repurposed for less demanding applications, upgrading to newer machines is essential to ensure compliance and optimal performance. These computers are not up to par for architecture students who require computers with more powerful processing cores and graphics cards for designing and rendering. We propose to replace the old computers with 22 new high-performance workstations, which will fully support current software versions and software likely to be released over the next five (5) years. We propose that the replaced machines be redistributed through OIT to other areas on campus. These reliable computers are well-suited for software that demands less from hardware. They can be utilized to upgrade or expand labs or classrooms elsewhere on campus. These computers are especially useful for departments that require to run design software.

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		Year 25 (2025 - 2026)
Dell Pro Max Slim-32GB|1TB GB| + 5 yrs + OSS 25 Stand: $2,021.63 each	22	$44,476
Total		**$44,476**

19. Technology Upgrades for Art Department Visual Media Lab CG-245A

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):   Manal Abu-Shaheen, CLT
Telephone Number: 212-650-7175
 Email: mabushaheen@ccny.cuny.edu

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

Department(s)/division Affected: Art Department/ Humanities Division, Art majors: students majoring in studio arts, and non-major: students from departments throughout CCNY

How your proposal will impact Students:

In this proposal we are requesting funds to make technology upgrades in the Visual Media Lab, the newest facility in the Art Department which officially opened in 2018. The Visual Media Lab provides services to the entire Art Department, which includes approximately 800

undergraduates, graduates, and faculty across all Art Department areas: Art History, Photography, Painting and Drawing, Printmaking, Ceramics, Art Education, Electronic Design and Multimedia (EDM), Studio MFA, and Digital and Interdisciplinary Art Practice (DIAP) MFA.

The facility offers students and faculty the specialized digital equipment and resources required for artmaking and for historians and educators of visual art. The Visual Media Lab is a flexible space that is reserved by faculty for classes requiring digital workstations or projectors. When it is not reserved for classes, it is an open lab space for Art Department students and faculty. The Visual Media Lab is a busy space that is available during the day and evenings to serve our students. Typical hours range from 9am to 7pm five (5) days a week serving hundreds of students per week. The lab is an important space for our students who do not have access to the most up to date, fast computers at home that can run software necessary for creating their artwork for classes.

The Visual Media Lab staff provides orientations and tutorials for using the equipment and software including: 18 desktop and laptop workstations for visual art specialized software, a Hasselblad Flex tight X1 scanner, four (4) flatbed Epson V850 Pro scanners, a large format Epson Expression 10000XL Graphic Arts scanner, various projectors, Adobe CC applications and scanning software (Silver fast, VueScan, Epson Scan). A core mission of the Visual Media Lab is sharing skills with students and faculty by running tutorials and workshops and providing day-to-day instruction to lab users.

The equipment in the Visual Media Lab has not been updated since the lab opened in 2018. In this proposal we are requesting funds to update computers and the advanced film scanning system. We aim to supply our instructors and students with new equipment to give our students experience with the most up-to-date industry standard workflows and devices to establish foundational skills in their fields.

Project Description:

Since the Visual Media Lab opened in 2018, we have not had upgrades the equipment. The iMac computers are 2017 models that are now running slow with the software taught in classes, particularly Adobe applications and scanning software. We need to upgrade our desktops to keep up with industry standard software that faculty must teach their students. We have two advanced stations for advanced photography and video students that are utilizing 2013 Mac Pro computers that can no longer be updated, and we are unable to install IT security Cortex XDR software and comply with other CCNY network host and cybersecurity requirements. We need to upgrade these computers to current Mac Studios to train students to use current applications and software and ensure cyber security.

In addition to the computers, we need to upgrade our advanced film scanning station for 35mm, medium and large format film. Currently we are using a Hasselblad Flextight X1 scanner that is failing. Hasselblad has discontinued these scanners and the company no longer offers

tech support or parts for repairing scanners. Most art departments nationwide are transitioning to new scanning systems that utilize copy stands, cameras, and lightboxes to scan film. We aim to replace the Hasselblad Flextight with the FotoScan system from FotoCare. The Hasselblad Flextight scanners cost approximately $20,000, while the FotoCare system is approximately $11,000, so in addition to being the current industry standard it is also more cost effective. The separate components of the FotoCare system including the camera, copy stand and light box can all be utilized by students for other aspects of their work in addition to scanning. All in all, the FotoCare system is the most current, cost-effective system that offers multiple-use benefits for our students and faculty.   This project aims to provide access to new/recent technologies and equipment that is necessary and foundational for art department courses. We are requesting funds for equipment that will give all students and faculty using the Visual Media Lab hands-on experience with industry standard equipment. This experience is critical for students' post-graduate readiness for careers in their fields or to continue to graduate school. This is all technology we need to share with our students but lack funding to acquire otherwise. To positively impact student and faculty experience in the Visual Media Lab we are requesting the following upgrades:

2026 Fiscal Year Budget:

Items	Qty	Cost
Hardware		**Year 25 (2025 - 2026)**
Mac Studio M4 |14C ,32 GPU|24GB/1TSSD+ AP Care, $2,368	2	$4,736
iMac 24",M4 , 24GB, 1TS, 10 CPU/ GPU+ AP Care =$2,068	14	28,952
Sub-total		**33,688**
AV Equipment /Projection Devices		
Foto scan system, Kaiser	4	1,940
Lightboxes, adapters, film holders		4,408
Fujifilm GFX 100S II	1	4,897
Sub-total		**11,245**
Miscellaneous/Accessories		
Apple USB-C to SD Card Reader adapters @ $40	6	240
Apple USB-C to USB adapters @ $20	16	320
Belkin USB-C to HDMI Adapter @ $50	14	700
Sub-total		**1,260**
Total		**$46,193**

20. CCNY Urban Sustainability HyFlex Instructional Infrastructure

    A. Please select one Category: ☐ **N (New)**
    B. Please select one – Who proposed: **6**. Faculty & Staff

    C. Person Responsible for Project(s):   Kyle McDonald and Katherine Gloede-Silverman

Telephone Number: 212.650 - 5795

Email: kmcdonald2@ccny.cuny.edu; kgloede@ccny.cuny.edu

7=G   Upgrading instructional spaces to support technology-assisted learning, such as Smart Classroom

Department(s)/division Affected: CCNY Sustainability in The Urban Environment Graduate Program, benefiting Spitzer School of Architecture, Grove School of Engineering, the Division of Science, and the Colin Powell School

How your proposal will impact Students:

Students in the Sustainability in the Urban Environment Master's Program (SUS), the newly approved Advanced Certificate in Urban Sustainability, and the program's four founding divisions (Spitzer School of Architecture, Grove School of Engineering, the Division of Science, and the Colin Powell School) will benefit through a fully modernized facility providing Hybrid-Flexible (HyFlex) course offerings and distance learning capabilities that will benefit students in programs across campus, including instructional and research support for matriculated students residing outside the local NYC area and across the country. Annually, we anticipate that this facility will support a minimum of 75 SUS students and 250 students at full capacity. As the SUS program course offerings are cross listed across our funding divisions, this HyFlex facility will reach to the broader student population across campus.

Project Description:

The CCNY Sustainability in the Urban Environment Graduate Program (SUS) requests an investment to support acquisition of new technology and establishment of an instructional facility to elevate the capacity of the SUS program to operate effectively in its newly-approved hybrid learning environment. The investment will provide the program with the tools needed to support Hybrid-Flexible (HyFlex) instructional modalities and cutting-edge research opportunities for student projects. The investment supports purchase of computers and related equipment to fully modernize our existing program, focusing on the program's classroom facility in Shepard 375. Equipment includes computer workstations, Synology 5-bay DiskStation DS1522 DiskStation (data Server), multimedia hardware, and portable Projection screen. The investment addresses two program goals: (1) We will create a HyFlex learning environment consistent with the program's newly approved status, offering a fully developed curriculum on-line. This request ensures HyFlex capacity is available to sustainability program faculty throughout and anywhere on the CCNY campus. (2) This request will enable the program to offer

students the integrated computing, processing, and collaborative infrastructure to conduct and complete cutting-edge, interdisciplinary research in and across fields addressing Urban Sustainability.

In 2023, the Sustainability in the Urban Environment Program at CCNY received approval from NYSED to offer the master's degree fully online in addition to maintaining in-person and hybrid coursework. This has triggered an immediate need for offering existing courses as HyFlex, wherein students can register and attend courses either fully in person or fully online. Very few spaces on the City College campus are currently equipped with the technology to do this effectively such that students attending online are equally as engaged in classroom activity as in-person attendees. With the purchase and installation of this equipment, the program will host more of our existing coursework effectively in all modalities.

Annually, we anticipate that this facility will support a minimum of 75 students and 250 students at full capacity. Students in the Sustainability in the Urban Environment Master's Program and the newly approved Advanced Certificate in Urban Sustainability will be given priority use of this equipment. Technology supporting HyFlex course offerings will be made available as needed to the program's four founding divisions (Spitzer School of Architecture, Grove School of Engineering, the Division of Science, and the Colin Powell School) elevating capacity for HyFlex learning campus-wide. The core and elective courses in the sustainability program are cross-listed with course offerings in these divisions, and as such will embrace students from a variety of associated programs across the CCNY campus.

2026 Fiscal Year Budget: need to be updated.

Items	Qty	Cost
Hardware		Year 25 (2025 - 2026)
iMac 24",M4 , 24GB, 1TS, 10 CPU/ GPU+ AP Care =$2,068	1	$2,068
Synology 5-bay DiskStation DS1522 DiskStation with 80 TB	1	3,600
Seagate Skyhawk AI 24TB Video HDD 6Gb/s 512MB, $613	10	6,130
Dell Pro 14", A14250, Ultra 7-266V, 16 GB & 1TB SSD + Warr., $2,198	5	10,990
Dell Precision 3680, i9 |32GB|1TSSD + Ext Warr +P2723Q = 2,500 each	10	25,000
Sub-total		**47,788**
AV Equipment /Projection Devices		
Epson Ultra-Portable Projector Screen ES3000	1	212
Owl Labs Meeting Owl 4+ - VCD - with Owl Labs Expansion Mic	1	2,000
Sub-total		**2,212**
Total		**$50,000**

21. Student Technology Internship Program (STIP)

    A. **Please select one Category**: 2 – Continuing
    B. **Who Proposed:** Staff

Person Responsible for Project:	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

I request $1,648,161 to sustain the FY 2026 Student Technology Internship Program (STIP). This amount includes a 14% allocation for fringe benefits and accommodates the recently approved District Council 37 salary increase. The funds will ensure the program's continued success in providing students with valuable tech industry experience."

Project Description:

Established in 2002, the Student Technology Internship Program (STIP) provides the IT technological needs for general student computer labs, smart- classrooms, AV support, and other technical assistance services throughout the college to hundreds of faculty and students daily. Far more than a support service, STIP is a symbiotic ecosystem where technology and talent converge, driving our institution's digital evolution while nurturing the next generation of IT professionals. These interns are the human face of our IT services.

 This program creates opportunities for a select group of undergraduate and graduate students to gain advanced skills in the use of computer hardware and software as well as learn effective teaching and client support skills. STIP supports and advances the technological needs of the college, both in and out of the classroom. By bringing the interns and technology users together as a team, we provide diverse skills and services to create a better teaching and learning environment at the College.

The program's five major components, detailed below with their funding requests, represent strategic investments in this dual mission—empowering our campus technology while launching the careers of tomorrow's tech leaders.

Student Tech Interns Program	No. of Staff	Percentage	Total Cost/yr.
1. Academic Technology Services (ATS) - Classroom Support	2	4	$ 64,001
2. Reservation Desk/ iMedia	5	12	180,062
3. Service Desk (Tier 1)	5	17	244,874
4. College-Wide & Divisional Tech Support	9	30	434,971
5. College Wide & Divisional Computer Labs Support	21	36	521,847
Sub-total	**42**	**100**	**1,445,755**
Fringe Benefits		14	202,406
Grand Total			**$1,648,161**

1. Academic Technology Services (ATS) Classroom Support

ATS leads the design and deployment of cutting-edge audio-visual (AV) technology across campus, enhancing learning spaces from smart classrooms and lecture halls to conference rooms, auditoriums, and outdoor areas. Their expertise extends to managing the campus-wide Digital Signage network, ensuring timely and engaging communication. Additionally, ATS serves as a strategic partner to faculty and administrators, offering expert guidance on integrating advanced AV technology to optimize instructional effectiveness and student engagement.

2. iMedia Reservation Desk

The Reservation Desk is CCNY's hub for state-of-the-art audiovisual (AV) resources, aligning its services with the college's academic, research, and community-driven mission. Core functions include:

1. Managing high-demand Laptop Loaner Programs for students and faculty
2. Overseeing video conferencing services and the Zoom teleconferencing platform
3. Supporting classroom AV technology and loaning essential equipment (e.g., AV cables, VIA Wireless Presentation devices)

Additionally, the team collaborates cross-functionally within OIT to:

- Test and document remote learning and telecommuting technologies
- Streamline and enhance training resources for CUNY/CCNY digital platforms (Zoom, CUNY Device Loaner Portal)

This strategic approach ensures seamless technology access, fostering a dynamic learning environment."

3. OIT Service Desk

Since its revamp in the summer of 2011, the Office of Information Technology (OIT) Service Desk has become CCNY's central hub for all IT Level 1 needs. This one-stop-shop efficiently addresses the diverse technology requirements of students, faculty, and staff, particularly enhancing support for our student community.

Core Services:

- Primary point of contact for IT assistance
- Comprehensive troubleshooting and issue resolution
- Support for laptops, mobile devices, software, hardware, and operating systems
- Distribution center for campus-wide site-licensed software

Expert Technical Support:

- Tier I support via phone, email, and Zoom
- Issue screening, prioritization, and escalation
- CUNY application installation assistance
- CUNYfirst, CUNY Portal, and Brightspace troubleshooting
- Mobile device email configuration
- Level I and select Level II email support

The OIT Service Desk's streamlined approach ensures that the CCNY community receives prompt, effective IT solutions, fostering a smoother technological experience for all.

4. OIT and School/Division Client Services Support

When issues exceed the OIT Service Desk's scope, they are seamlessly escalated to our specialized Client Services teams. These dedicated IT support analysts, embedded within each academic division and administrative office, provide advanced Tier 2 and 3 technical support. They skillfully handle complex issues, escalating to the appropriate unit when necessary for in-depth evaluation and resolution. They are dedicated to delivering high-quality, customer-friendly service. Their strategic placement across the college ensures that every sector receives personalized, expert support, maintaining CCNY's technological efficiency.

Services Offered:

- Expert hardware and software troubleshooting
- Tailored technical assistance for administrators, faculty, staff, and students
- Deployment and maintenance of:
    - Computer hardware
    - Software suites
    - Peripherals (printers, scanners, displays)
- Intermediate troubleshooting of:
    - Network, server, telecommunications, audiovisual, and cybersecurity issues

5. College Wide and School/Division Student Computer Labs Support

OIT employs teams of student interns to service the general use student computer labs on campus. The program trains student interns to acquire skills in deploying and maintaining

computer hardware, software, audiovisual equipment, presentation resources, and desktop support skills. Along with technical skills, the training emphasizes proactive customer service.

(1) College-Wide- Student Computer Labs

The CITY Tech Center (located on Cohen Library's ground floor)'s design prioritizes both technology and space. Its varied configurations cater to individual work styles and foster collaboration, making it CCNY's premier hub for:

- Computing needs
- General-purpose learning
- Cross-disciplinary instruction (Economics, Engineering, Psychology, English)

This cutting-edge learning hub offers:

- 300+ workstations
- 2 Active Learning Classrooms (ALCs)
- 10 media study rooms (6-person capacity, flat-panel displays)
- 16 dual-person study pods (Windows & Mac)
- 3 smart classrooms (dozens of workstations, HD projectors, AV-enabled podiums)
- Numerous single-use desktops and wireless stations
- Laptop loans for students who use the ALC rooms
- Full suite of site-licensed software such as Adobe CC, MathWorks, MATLAB, SAS, SPSS, Microsoft Office Suite, etc.

(2) Divisional Student Computer Labs

OIT's divisional staff extends expert support to CCNY's specialized labs, ensuring each discipline's unique computing and printing needs are met. Our dedicated team maintains:

Academic Labs:

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

Student-Centric Spaces:

- Accessibility Lab (NAC 1/216)
- Graduate Student Government
- Undergraduate Student Government

Each lab is outfitted with discipline-specific hardware, software, and peripherals, reflecting OIT's commitment to providing tailored tech solutions. Whether it's CAD workstations for engineering/Architecture or assistive technology in our accessibility lab, we ensure every student has the tools they need. All labs are accessible throughout CCNY's standard hours, maximizing student access to these critical resources.

Below is the Student Technology Interns Program budget breakdown for FY 2026

Position Title	Pay Rate/Hr	Hrs/Yr	(AL+SL)	No of Position(s)	Total Cost/Position	Total Cost
Academic Technology Classroom Support						
College Assistant	$ 19.12	1000	117	1	$21,357	$21,357
Hourly IT Support	24.48	1560	182	1	42644	42,644
				2		**$64,001**
Reservation Desk-iMedia						
College Assistants	$ 19.12	1000	117	3	$21,357	$64,071
Hourly IT Support	24.48	1560	220	1	43,574	43,574
Hourly IT Assit. 2	39.68	1600	225	1	72,417	72,417
				5		**$180,062**
Service Desk						
Hourly IT Support	$ 24.48	900	100	1	$24,481	$24,481
Hourly IT Support	24.48	1560	220	1	43,574	43,574
Hourly IT Support	24.48	1600	225	1	44,676	44,676
Hourly IT Support	27.68	1560	220	1	49,270	49,270
Hourly IT Assoc 1	45.41	1600	225	1	82,873	82,873
				5		**$244,874**
College-Wide/Divisional Tech Support						
College Assistant	$ 19.12	1040	147	1	$22,695	$22,695
College Assistant	22.84	1040	147	1	27,111	27,111
Hourly IT Support	24.48	1560	182	2	42,644	85,288
Hourly IT Support	27.68	1560	182	1	48,219	48,219
Hourly IT Support	27.68	1600	225	2	50,516	101,032
Hourly IT Assist. 2	39.68	1664	234	2	75,313	150,626
				9		**$434,971**
College-Wide/Divisional Students' Labs Support						
College Assistant	$ 19.12	600	70	6	$12,810	$76,860
College Assistant	19.12	920	107	2	19636	39,272
College Assistant	19.12	1000	117	7	21357	149,499
College Assistant	19.12	1000	141	1	21816	21,816
Hourly IT Support	24.48	1560	182	1	42644	42,644
Hourly IT Support	24.48	1560	220	1	43574	43,574
Hourly IT Support	24.48	1600	187	1	43746	43,746
Hourly IT Support	27.68	1560	220	1	49270	49,270
Hourly IT Assist. 1	30.99	1560	220	1	55162	55,162
				21		**$521,847**
						$1,445,755
						$202,406
				42		**$1,648,161**

Student Technology Fee Advisory Committee Members

The Technology Fee Advisory Committee, a 33-member panel with most students, ensures that these student-generated funds fuel CCNY's technological advancement in a way that prioritizes student achievement. This committee is tasked with reviewing and approving technology-related projects, as well as advising the Office of the President on the allocation and expenditure of Technology Fee revenues.

Member Composition:

- Students **(17)**
    - Undergraduate: 16
    - Graduate: 1
- Faculty: **(5)**
- Administration: **(9)**
- Ex-Officio Members: **(2)**

Leadership:

Chair: Provost, Dr. Tony Liss and Sr. VP/COO, Scott Gurba

Co-Chairs: VP & CIO of Information Technology, Ken Ihrer, and VP & CFO of Finance and Administration, Ismael Perez

Student Representatives

Aila Choudhary, USG President

Biancas Jones, GSG Vice Chair of Community Affairs

Mashud Choudhury, USG VP of Finance

Miguel Arias, USG VP of Academic Affairs

Deborah Laguerre, USG VP of Campus Affairs

Nelson Maureen, USG VP of Student Affairs

Chase Johnson, USG Executive VP

Zia Ashford, USG One Stop Student Services Center

Crystalynn Boahene, USG Senator

Eliana Cabral, USG Senator

Ana Main Chen, USG Senator

Daniel Chen, USG Senator

Lizmarie DeLaCruz, USG Senator

Samantha Kraycar, USG Senator

Magan Sylla, USG Senator

Megan Mulleniz, USG Senator

Jerry Vaughn, USG Senator at-Large

Faculty Representatives

Prof. Pilar Newton, Humanities and Arts

Prof. Jacek Dmochowski, Grove School of Engineering

Dean Sussan Perkins, Division of Science

Prof. Elizabeth Matthews, Center for Worker Education

Associate Dean Kevin Foster, Colin Powell School for Civic and Global Leadership

Administrative Representatives

Dee Dee Mozeleski, Senior VP Office of Institutional Advancement and External Relations

Ramon De Los Santos, AVP of Student Affairs

John Carrero, Library

Mohammad Ahmad, School of Architecture

Doris Grasserbauer, School of Education

Ex-officio Member

Otto Marte, Tech Fee Administrator and Director of OIT Business Services

Leonardo Leo, Deputy CIO Office of Information Technology (OIT)