



FY 2018 Student Technology Fee Plan

Submitted to
The City University of New York

By

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on behalf of
The QCC Technology Fee Committee

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Queensborough Community College

The City University of New York Student Technology Fee Plan FY 2018

STUDENT TECHNOLOGY FEE COMMITTEE

The Queensborough Community College Student Technology Fee Committee convened throughout the 2016-2017 academic year to administer and evaluate expenditures under the FY 2017 plan adopted in April 2016. The committee is comprised of the entire Student Government, senior IT, academic computing and administrative managers, faculty representing the QCC Senate, departmental chairpersons and the faculty executive committee of the college.

MEMBERSHIPS OF THE TECH FEE COMMITTEE – FY 2016-2017

Sherri L. Newcomb, SVP & COO, Chair of the Committee
William V. Faulkner, Vice President Finance & Administration
Stu Asser, Chair – Department of Electrical & Computer Engineering
Glenn Burdi, Dean for Academic Affairs Operations
Kevin Kolack, Lecturer, Chemistry, Chair of AS Committee on E Learning
Anthony Kolios, Associate Professor, Business Department
Dr. Matthew Lau, Assistant Professor, English, CCR Co-Chair
George Sherman, Exec. Director IT
Kathleen Villani, Professor and Chairperson, Business
Darryl Williams, CLT, Foreign Languages & Literatures, CCR Co-Chair
Farbod Hadizadeh Moghadam, President, QCC Student Government
Udya Dewanamuni, Executive Vice President, QCC Student Government,
Chioma Modeste, Administrative Vice President, QCC Student Government
Razieh Arabi, Treasurer QCC Student Government, QCC Student Government
Haris Khan, Programming Vice President, QCC Student Government
Nazia Bonori, Vice President For Part-Time Students, QCC Student Government,
Mabely Salvador, Vice President for Evening Students, QCC Student Government
Michael Fishbach, Parliamentarian, QCC Student Government
Mateo Saenz, Secretary, QCC Student Government
James Cervantes, President Pro-Tempore, QCC Student Government

FY 2018 TECHNOLOGY FEE PLAN - \$3,000,000

The members of the Student Technology Fee Committee provided insight from the major campus constituencies on technology needs and on ways to invest in technology to derive the most beneficial impact for Queensborough students. The projection used for fee revenue in 2018 is conservatively estimated at \$3,000,000 comprised of collected fees anticipated.

BACKGROUND

The goal of the Queensborough Community College Technology Fee Committee each year is to continually enhance the classroom instructional capabilities, student lab hardware, infrastructure and the wireless environment and access throughout the campus for the benefit of the students. Additionally, the academic departments are provided with the opportunity in the annual budget allocation process to request support for the development of technology, software and hardware that they propose as benefiting their department's ability to deliver state of the art instruction and learning opportunities to the students in their academic specialties.

Since the inception of the Technology Fee Committee a primary objective has been to provide instructional technology, generally smart podiums designed for QCC, that includes an internet-connected computer, a projector and screen, a document camera, a DVD player, and a sound system. The College is on track to have every instructional space, where this media can be installed, for the start of the Fall 2017 semester.

LOOKING FORWARD

Major categories of Tech Fee expenditures (outlined below) will be continued in FY 2018, including:

- ✓ Replacement of all student-use computers that are at least five years old
- ✓ Replacement program for outdated instructional podiums
- ✓ The Tech Fee Student program which provides paid internship opportunities to students
- ✓ Upgrade and expansion of software licensing including specialized Library databases and electronic journals
- ✓ Replacement & support for student-use printers
- ✓ Infrastructure upgrades as required to support instructional and lab technology.
- ✓ Individual academic department proposals for hardware and/or software requested in the 2018 budgeting process that will enhance our students learning experience
- ✓ Continued support of the University Wide Initiatives (UWI) and Strategic Technology Initiatives (STI) as mandated by CUNY policy.

STUDENT DEVELOPMENT - \$340,000

One of the most important aspects of the budget allocation reviewed and approved by the Technology Fee Committee is supporting the employment of student interns in paid positions for technology support throughout the campus.

Established in 2005, the Technology Fee Student Internship program funds student development, which includes computer-related internships, specialized training and student seminars and provides the students with an experiential learning opportunity. Each semester between 65 and 90 student interns are employed in multiple instructional support departments. The student tech fee interns develop and apply computer technology skills under the mentorship of faculty and professional staff. They gain work-related experience in a number of different technological environments: for example, students help resolve student e-mail questions, provide assistance in the Academic Computing Center, Financial Services, the IT Help Desk and in the Library.

The paid student interns are trained to address the day-to-day needs of all QCC's students, faculty, and staff on campus. Another benefit of the Tech Fee student internship program is the increased student access to support labs as the interns allows the College to offer expanded service hours.

Each year, the interns and their mentors are honored at a Technology Fee Internship Reception, hosted by the Technology Fee Committee, which recognizes special accomplishments of tech fee student interns for their creativity, technical achievements and service to our students and the College.

LICENCING / SOFTWARE - \$433,000

The Student Technology Fee funds pay for all software used by students. Each semester, via an electronically based web form, individual faculty members are given the opportunity to request software needed to support their teaching efforts. In addition, Academic Departments determine and request software. All purchased software is made available to students in both departmental computer labs and the Academic Computing Center. The Technology Fee budget also includes licensing costs of \$185,000 for Library electronic resources. Additionally, the QCC's Student Mobile Application and e-Portfolio licensing cost has also been approved in this budget.

ASSISTIVE TECHNOLOGY EXPENDITURES - \$30,000

Technology Fee funding has supported the College's twofold approach, which includes the Americans with Disabilities Act (ADA) compliant workstations in all labs for student

use, and a centralized Services for Students with Disabilities (SSD) Lab which provides individualized tutoring, a study lab, assistive technology and a testing center that administers exams with reasonable accommodations. Each year as the number of teaching-spaces with technology increase, the Tech Fee provides funds to support the necessary assistive technology. Also supported is the continuation of software licensing and newly introduced supportive technology.

OTHER HARDWARE - \$375,000

To ensure that students have an enriching, educational technological experience, the recurring Other Hardware budget was established to promptly replace technology, i.e., printers, projectors, bulbs, scanners, servers, switches, which are obsolete and beyond repair. This allocation fund results in a significant reduction of classroom downtime when these items fail and require replacement. Specifically, this allocation serves Academic Departments as it provides replacement funds to address emergency repairs and an on hand inventory of critical components needed to maintain classroom functionality, i.e. instructional podium monitors, switches, computers, spare projectors and projector lamps.

OTHER PRINTING - \$40,000

Printer Maintenance & Supplies – this covers the cost of paper and toner for student-use printers in the open labs around the campus. It also covers “maintenance-kits” which are used to re-furbish printers as they reach critical print-counts.

STUDENT USE COMPUTERS REPLACEMENT PROGRAM- \$379,600

Student-use computers are replaced every five years to provide updated computers and processing capabilities to handle current applications and software requirements. During 2018 the following labs are planned for replacement:

Department	Room	#	Cost
Library	L-302	37	\$44,400
Music (Mac Pros)	H-132	20	\$70,000
Social Sciences	M-129	25	\$30,000
Academic Computing Center	LB-24	42	\$50,400
Various (Bus, Speech, etc)	H-347,H-349	72	\$172,800
Podiums	As required	10	\$12,000
Total			\$379,600

INSTRUCTIONAL TECHNOLOGY (PODIUM) REFRESH PROGRAM- \$192,000

During 2018, the oldest podium and/or instructional technology systems in classrooms will be in the replacement cycle and the Committee has allocated funds to replace ten systems. Over the past few years, modifications and negotiations have brought the systems installation cost down by approximately 30% while providing an improved experience. During 2018, the following rooms are tentatively scheduled for new technology:

Building	Room
Administration	A-310
RFK	G-201
Humanities	H-144, 339, 340, 344
Science	S-313
Library	LB-06,08, 25

SPECIAL PROJECTS - \$44,047

At the first meeting of the Tech Fee Committee, Special Project requests already received through the Resource Planning & Allocation process as well as the prior year Tech Fee Committee, are prioritized and voted on by the Committee. Throughout the year as additional requests are received they are also prioritized and voted on by the Committee. In this way, some funding can be used to respond quickly to the ever-changing technological needs of the Academic community.

UNIVERSITY WIDE & STRATEGIC INITIATIVES (UWI/STI)- \$936,132

In FY 2017 CUNY Enterprise Initiatives (Blackboard, email, Academic Advisement, secure high speed fiber connectivity, etc.) charged to Tech Fee totaled \$936,133. In addition, CUNY began a program to charge back the CUNYfirst hosting costs to the colleges, our share of which was \$230,221 in 2017. This will now be a regular recurring cost. In FY 2018, based on projections from CUNY IT, we anticipate Enterprise Initiatives to total \$936,132, based on CUNY projections and have allocated \$230,221 for hosting expenses.

APPENDIX A

The following list represents software licensing purchases requested and used by faculty and students to accomplish their learning objectives and complete their curriculum requirements. Students benefit by having the software available in all academic department laboratories and the Academic Computing Center as it enriches their educational experience and allows them to meet the objectives of their course syllabi.

Licensing Appendix A CUNY for FY17

Vendor	Description	Cost
3D Systems	Capture For Solidworks - License	\$2,370
3D Systems	Geomagic Design X Maintenance	\$900
Alexander Street	American History, Classical Scores, Music Databases	\$5,124
Allegheny Educational Systems	Annual Mojo Extended Warranty Renewal 12/18/16 - 12/18/17	\$899
American Psychiatric Association (APA)	PsychiatryOnline.org 3/7/2017 To 3/6/2018	\$5,158
Articulate	Articulate Online Basic Plan-Annual	\$2,388
ArtStor	Annual Access Fee - ARTstor - 2017	\$1,910
Blackboard	ID Room Portion of License charged to Tech Fee	\$38,094
CADD Edge	3 SolidWorks Education license & 1 renewal	\$1,200
CADD Edge (TriMech Solutions)	CADD Edge Network - Classroom - 45 users Renewal	\$1,900
Cambridge University Press	Cambridge Companion Subscriptions 13Nov2016 to 13Nov2017	\$1,852
CAS American Chemical	SciFinder Academic Unlimited Access Plan 2/1/17 - 1/31/18	\$4,790
City Theatrical Inc	Lightwright 6, Institutional	\$1,380
College Source	College Source Multi User Agreement 2/3/17 - 2/2/18	\$1,466
EBSCO	Philosopher's Index	\$1,827
EBSCO	History Criminal Justice American Abstracts	\$28,529
Educational Assessments Corp	EAC Visual Data annual License for 1 Yr 10/1/16-9/30/17	\$3,500
Elsevier	Elsevier 2016 Scopus Proposal	\$6,800
ExLibris	CampusM License Renewal - QCC Mobile App	\$42,000

Vendor	Description	Cost
Faronics	Deep Freeze & Insight 3 Year Site License Renewal	\$17,687
Faronics	Cloud Connector Premium EDU Renewal -Start Date: 16-Oct-2016	\$2,040
Gale/Cengage	Blanket PO for Cengage Gale	\$30,000
HB Communications	Annual SLA Renewal Fee Gold level	\$9,686
INFOBASE- Facts On File	History Online Databases - American, Afriican Indian, World	\$18,249
IOP Publishing	ISX - IOPscience extra - 8/26/2016 - 8/25/2017	\$1,425
ITHAKA	JSTOR AAF-Life Sciences - 20	\$1,500
Kanopy LLC	Patron Film Streaming Package License 1 Year	\$2,400
LimeSpring	LimeSpring- license- 8/1/16-12/31/16	\$2,401
Minitab	Minitab 100 Users License Renewal 03-01-17 to 02-28-18	\$2,376
MSN Consortium	MathSciNet including Database 01-Jan-2017 to 31-Dec-2017	\$105
National Instruments	Academic Labview Site Teaching Standard 11/16/16 to 11/17	\$437
National Instruments	Multisim Teaching 15-MAY-17 - 14-MAY-18	\$2,435
Novastor	NovaBackup DataCenter Starter - Pack5	\$5,490
Nub Games	Nub Games- Annual Subscription- 9/24/16-9/23/17	\$525
Optimal Resume	Annual Service Fee Optimal Resume 2/4/17	\$5,350
Playposit	Campus License- Blackboard LTI+ admin	\$2,720
Predator	Predator 16-17 Virtual CNC Lab License Renewal	\$915
Redrock Software	TutorTrac w/Support New License for Campus Writing Center	\$1,794
Redrock Software	TutorTrac renewal , online training, and software upgrades	\$1,999
SoftChalk	SoftChalk Create 10 for Desktop Site License 4/23/17 4/22/17	\$8,870
Springshare LLC	LibGuides CMS	\$2,753
Strivven Media	Virtual Job Shadow Site Lic. Renewal 9/25/2016 - 9/25/2017	\$1,700
Taylor and Francis	Library Access Fee for Database	\$2,125
TechSmith	Camtasia FTE 3 year renewal	\$8,993
ThermoFisher Chemistry	Chromeleon Upgrade to 7.2	\$3,425

Vendor	Description	Cost
Thomson Reuters	RIA Academic Advantage Essentials 2/17/17 - 2/16/18	\$1,500
Veralab	Veralab 1000 User Annual Support	\$1,000
Virtuit	Virtuit Nimble Storage Renewal	\$5,630
Visix	AxisTV Digital Signage Channel Player Server SMA Renewal	\$4,559
VoiceThread	VoiceThread 2 Year Renewal	\$8,288
Waldo	Naxos Music, Proquest Nursing, 360 Core, WSJ	\$26,843
Waldo	Ulrichsweb License	\$1,125