



FY 2017 Student Technology Fee Plan

Submitted to
The City University of New York

By

William V. Faulkner
Vice President for Finance and Administration
on behalf of
The QCC Technology Fee Committee

April 2016



Student Technology Fee Plan

TABLE OF CONTENTS

STUDENT TECHNOLOGY FEE COMMITTEE	3
MEMBERSHIP OF THE TECH FEE COMMITTEE – FY 2016:	3
THE TECHNOLOGY FEE PLAN - \$3,000,000	4
BACKGROUND	4
STUDENT DEVELOPMENT \$250,000	4
SPECIAL PROJECTS - OVERVIEW	5
SPECIAL PROJECTS - FY 2016 - \$698,000.....	5
LICENSING / SOFTWARE \$450,000.....	6
ASSISTIVE TECHNOLOGY EXPENDITURES - \$30,000.....	6
OTHER HARDWARE - \$375,000.....	6
PRINTING - \$65,000	7
STUDENT-USE COMPUTERS FOUR-YEAR REPLACEMENT CYCLE - \$307,000	7
ETI - \$825,000	7

Queensborough Community College

The City University of New York

Student Technology Fee Plan FY 2017

STUDENT TECHNOLOGY FEE COMMITTEE

The Queensborough Community College Student Technology Fee Committee convened throughout the 2015-16 academic year to administer and evaluate expenditures under the FY 2016 plan adopted in May 2015. 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.

MEMBERSHIP OF THE TECH FEE COMMITTEE – FY 2016:

Paul Marchese, Provost & VP for Academic Affairs

William Faulkner, VP for Finance & Administration

Prof. Stuart Asser, Chair, Electrical and Computer Technology

Dr. Sasan Karimi, Chair & Professor, Chemistry

Prof. Anthony Kolios, Associate Professor, Business; Faculty Executive Committee

Dr. Jed Shahar, Deputy Chair Academic Literacy & Computer Resources Committee, QCC Senate

Prof Lucian Makalanda, Mathematics Computer Science & Computer Resources Committee, QCC Senate

Bruce Naples, Executive Director, Academic Computing Center

George Sherman, Executive Director, Information Technology

Prof. Kathleen Villani, Chair & Professor, Business

Ricky Panayoty, President, QCC Student Government

Jodi-Ann Grant, Executive VP, QCC Student Government

Shriromani Sukhwa, Administrative VP, QCC Student Government

Issac Ayisi, Treasurer, QCC Student Government

Mariya Karisa Picache, Programming VP, QCC Student Government

Maryam Hira, VP, Part Time Students, QCC Student Government

Tulasha Thapa, VP, Evening Students, QCC Student Government

Asif Mobin, President, Pro Tempore, QCC Student Government

THE 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.

BACKGROUND

The goal of the QCC Technology Fee Committee is to continually enhance the classroom instructional capabilities, student lab hardware, infrastructure and the wireless environment and access throughout the campus. Additionally, the academic departments are provided with the opportunity in the annual budget 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.

Over the last several years, and with expansion planned for FY 2017, smart-rooms will have been outfitted with instructional podiums that include an Internet-connected computer with annotation touch monitor, a projector with screen, a document camera, a DVD/VCR player, and a sound system. The goal of the college is to have every instructional space where this media can be installed completed by the Fall of 2017.

LOOKING FORWARD

Major categories of Tech Fee expenditures (detailed below) will be continued in FY 2017, including: the replacement of all student-use computers that are four years old; upgrade of servers providing student services; upgrade and expansion of software licensing including specialized Library databases; installation of additional instructional podiums; building of Tech Flex classrooms (dual boot Windows and MacOS teaching spaces); replacement of student-use printers; and multiple infrastructure upgrades. We will also be assessing individual academic department proposals for hardware and software that will enhance our students learning experience in areas that are specialized and specific to their disciplines.

STUDENT DEVELOPMENT \$250,000

In addition to hardware and software expenditures, the Technology Fee supports the employment of *student interns* to work in positions of 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 60 and 75 student interns are employed in over two dozen 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, IT

Center and in the Library, and also assist in the Office of Services for Students with Disabilities, as well as instructional support labs in a number of academic departments.

These paid student internships bring additional benefits of supporting other students in departmental labs through their technical assistance with computer equipment, and provide increased student access to support labs because service hours can be expanded due to their deployment in the facilities.

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.

SPECIAL PROJECTS - OVERVIEW

At the first meeting of the Tech Fee Committee, Special Project requests, already received through the Resource Planning & Allocation process, 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 Tech Fee funding can be used to respond quickly to the ever-changing technological needs of the Academic community.

SPECIAL PROJECTS - FY 2017 - \$698,000

For the coming Fiscal Year the Committee has approved Special Project funding totaling \$698,000. However, throughout the year as additional needs are identified they will be prioritized and voted on by the Committee. Approved projects include:

Project Name: **Tech-Flex Classrooms** (This is a recurring project)

Proposed Budget: \$85,000

Description: These classrooms are built to provide maximum flexibility for students and teachers. They contain hide-away computer desks, dual boot (Windows and MacOS) student computers, and an instructional podium to match.

Project Name: **Multimedia Classroom Podiums** (This is a recurring project)

Approved Budget: \$392,000

Description: Continuation of our program to eventually have presentation technology in every classroom. Students expect their teachers to make use of technology in the classroom. This adds the capability of computers, projection systems, document cameras, DVD players & screen annotation to each room. As student presentations become frequently required across the curriculum, students benefit as they get to use this technology. In 2016 we expect to add 12 new rooms and begin a replacement cycle for the original installations.

Project Name: **ePortfolio**

Approved Budget: \$66,000

Description: The College will continue a pilot program to provide students with the opportunity to track academic progress on an ePortfolio platform

Project Name: **Academic Department Proposed Projects / Software**

Proposed Budget: \$125,000

Description: The College is finalizing the 2017 resource planning process which will identify proposed projects for consideration by the Committee in September. \$125,000 has been earmarked by the Committee for this purpose.

Project Name: **Student Information Kiosk Pilot**

Approved Budget: \$30,000

Description: The Student Government is currently exploring a pilot electronic information kiosk which would provide student specific information in the Student Union

LICENSING / SOFTWARE - \$450,000

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. Beginning in 2016, the Tech Fee Committee has approved the licensing cost of our QCC's Student Mobile Application at \$45,000 and includes \$185,000 of Library electronic resources.

ASSISTIVE TECHNOLOGY EXPENDITURES - \$30,000

With regard to Assistive Technology, Tech Fee funding has supported the College's twofold approach, which includes 1) Americans with Disabilities Act (ADA) compliant workstations in all labs for student use, and 2) 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

In an effort to ensure that students constantly have an enriching, educational technological experience, the Other Hardware fund was created with the directive to promptly replace technology, i.e., printers, projectors, bulbs, scanners, servers, switches, which are obsolete and beyond repair. Specifically, it serves Academic Departments as it allocates available replacement funds to address emergency repairs and provides for an on hand inventory of

critical components needed to maintain classroom functionality, i.e. instructional podium monitors, switches, computers, spare projectors and projector lamps. This allotment of funds results in a significant reduction of classroom downtime when these items fail as components are readily available to install.

PRINTING - \$65,000

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. In addition, we have allocated funding of \$15,000 to allow for integration to our student ID card system to limit printing capabilities to currently enrolled students.

STUDENT-USE COMPUTERS FOUR-YEAR REPLACEMENT CYCLE - \$307,000

Student-use computers are replaced each year to achieve the goal of not having any older than four years. In 2017, the college will be moving to a standard five year depreciation cycle, with the goal of increasing the funding available for new initiatives such as virtual desktop labs. Accordingly, the budget allocates \$100,000 to \$307,000 in replacement costs as an operational review is conducted and the actual number of delayed purchase savings can be identified. Anticipating that this will be completed by early summer, the Committee will review available funds for investment in the first Tech Fee Committee meeting in September 2016.

ETI - \$825,000

In FY 2016 CUNY Enterprise Initiatives (Blackboard, Email, Academic Advisement, Fiber connectivity, etc.) charged to Tech Fee totaled \$747,306. Next year we anticipate a total of \$825,773 pending a final budget projection, requested from CUNY CIS, which has been increased 5% over the base expenditure in 2016.

APPENDIX A - ACTUAL LICENSING EXPENDITURES – FY2015 thru June

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.

Vendor	Description	Cost
Alexander Street Press	Classical Scores/Garland Encyclopedia of Music	\$750
Alexander Street Press	American History in Video-Renewal	\$1,260
Avid	Academic ALP Annual Fee	\$1,000
Avid	Media Composer LICENSE FEE, ADDITIONAL STATIONS	\$2,000
Blackboard	5 Uniprint Pharos Licenses and 1 year ASM	\$3,570
Blackboard	ID Room	\$34,101
Cambridge	Cambridge Companions	\$1,764

CareerAmerica	Financial Aid TV Renewal 5-15-16 - 5-14-17	\$12,000
CAS	SciFinderLicense	\$4,630
CollegeSource	CollegeSource MultiUser Dept 2/3/16 to 2/2/17	\$1,333
Compendium	Desk Tracker Subscription-10/5/15-10/4/16	\$695
Credo	Academic Core with Topic Pages	\$9,369
Digication	2000 accounts 7/1/15	\$15,000
EBSCO	EBSCO- Journal of Nursing License	\$500
EBSCO	History Pkg	\$12,462
Grey House	Disabilities Directory Gold	\$351
IOP Publishing	ISX-IOPscience extra- 8/26/15-8/25/2016	\$1,346
Kaltura	KMS for usage as a personal media library/License	\$4,900
National Instruments	Academic Site License Teaching Standard	\$1,093
National Instruments	Academic Site License MULTISIM - 5/15/16 - 5/14/17	\$1,948
Nub Games	SMS/Nub Games annual subscription	\$575
OptimalResume	Annual Service Fee for OptimalResume Opt Interview	\$5,350
Predator	Predator Virtual CNC License Renewal	\$915
Redrock Software	TutorTrac Software/Support/Server & Hosting	\$7,494
Respondus	Respondus- 4.0 Campus -wide License	\$2,095
RoboMatter	Renewal of ROBOTC LEGO+ Robot Virtual Worlds	\$933
RoboMatter	ROBOTC for VEX Robotics+ RVW VEX 4.X 365 Day	\$799
Sage Publishing	Renewal for SK/CQ Host fee-Explicit	\$25
Softchalk	Developing content to reach 1- 2,500 students 2016-2018	\$10,450
Strivven Media	Virtual Job Shadow TutorTrac Software	\$1,700
SweetWater	19 x Ableton Live 9 Suite EDU (Site License)	\$6,825
TechSmith	Camtasia Site License 1/31/2016- 1/31/2017	\$3,747
Time Warner	Time Warner Internet Service for July 2015/June 2016	\$108,000
Veralab	VeraLab Support 1000-client site Renewal	\$1,000
Virtuit	NIMBLE Support Renewal 6/29/2014-6/28/2016	\$4,985
WALDO	Naxos Music, ProQuest Nursing Wall Street Journal	\$25,844
Infobase Learning	Humanities, Science, Bus Economics, Health	\$13,733
IOP Publishing	ISX-IOPscience extra- 8/26/15-8/25/2016	\$1,346
ITHAKA - JSTOR	AAF Life Sciences 2016	\$1,500
Kaltura	KMS for usage as a personal media library/License	\$4,900
Minitab	Minitab 17 100 User 3/1/16 - 2/28/17	\$2,376
MSM Consortium	MSN Consortium-License-Jan 1/Dec 2016	\$105
National Instruments	Annual License from 16-NOV-15 - 15-NOV-16	\$649
National Instruments	Academic Site License Teaching Standard	\$1,093
National Instruments	Academic Site License MULTISIM - 5/15/16 - 5/14/17	\$1,948
Nub Games	SMS/Nub Games annual subscription	\$575
Predator	Predator Virtual CNC License Renewal	\$915
Redrock Software	TutorTrac Software/Support/Server & Hosting	\$7,494

Softchalk	Softchalk Desktop License-4/2016-4/2017	\$8,870
Springshare LLC	LibGuides CMS November 2015 to October 2016	\$2,672
Strivven Media	TutorTrac Software	\$1,700
TechSmith	Camtasia Site License 1/31/2016- 1/31/2017	\$3,747
Time Warner	Time Warner Internet Service for July 2015/June 2016	\$108,000
Trilead VM Explorer	Annual License	\$1,460
Veralab	VeraLab Support 1000-client site Renewal	\$1,000
Virtuit	NIMBLE Support Renewal 6/29/2014-6/28/2016	\$4,985
WALDO	Naxos Music, ProQuest Nursing Wall Street Journal	\$25,844
Waldo	Ulrichsweb	\$1,092