



# **FY 2015 Student Technology Fee Plan**

Submitted to  
The City University of New York

By

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# Student Technology Fee Plan

## TABLE OF CONTENTS

STUDENT TECHNOLOGY FEE COMMITTEE .....	3
MEMBERSHIP OF THE TECH FEE COMMITTEE – FY 2014: .....	3
THE TECHNOLOGY FEE PLAN - \$2,350,000 .....	4
BACKGROUND .....	4
STUDENT DEVELOPMENT \$300,000 .....	5
SPECIAL PROJECTS - OVERVIEW .....	5
SPECIAL PROJECTS - FY 2015 - \$444,000.....	6
LICENSING / SOFTWARE \$350,000.....	6
ASSISTIVE TECHNOLOGY EXPENDITURES - \$25,000.....	7
OTHER HARDWARE - \$350,000.....	7
PRINTING - \$50,000 .....	7
STUDENT-USE COMPUTERS FOUR-YEAR REPLACEMENT CYCLE - \$501,000 .....	7
ETI - \$330,000 .....	7
APPENDIX A - ACTUAL LICENSING EXPENDITURES – FY2014 thru March .....	8

# Queensborough Community College

The City University of New York

## Student Technology Fee Plan FY 2015

### STUDENT TECHNOLOGY FEE COMMITTEE

The Queensborough Community College Student Technology Fee Committee convened throughout the 2013-14 academic year to administer and evaluate expenditures under the FY 2014 plan adopted in June 2013.

#### MEMBERSHIP OF THE TECH FEE COMMITTEE – FY 2014:

- William V. Faulkner, Interim Vice President for Finance and Administration (Co-Chair)
- Michael B. Reiner, Provost & Senior Vice President for Academic Affairs (Co-Chair)
- Karen Steele, Interim Vice President Office of Strategic Planning, Assessment and Institutional Effectiveness
- Mr. George Sherman, Executive Director of Information Technology
- Mr. Bruce Naples, Director of the Academic Computing Center
- Dr. Jonas Falik, Chair - Business Department
- Professor Stu Asser, Chair - Department of Electrical and Computer Engineering
- Professor Wendy Ford, Associate Professor Business Department
- Wilma Fletcher Anthony, Acting Director, Counseling
- Stephen Jones, President, Student Government (SG)
- Lida Ramos Arce, Executive VP, SG
- Ngawang Yangki, Administrative VP, SG
- Latiffa Facey, Programming VP, SG
- Chaojun Dong, Treasurer, SG
- Jolie Kauffman, VP for PT Students, SG
- Zulfigar Soomro, Parliamentarian, SG
- Robert Williams, Student Senator, SG
- Jessica Opokuah, Executive Secretary, SG
- Linsy Benjamin, VP for Evening Students, SG
- Julie Ann Belaustegui, President Pro-Tempore, SG

## **THE TECHNOLOGY FEE PLAN - \$2,350,000**

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 expenditure of technology fee funds as described in the Queensborough Community College Technology Fee Plan must be viewed in the context of what has already been accomplished by the College in meeting its Technology Plan goals as they impact students. As stated in the Queensborough Community College Technology Plan, *"...the ultimate goal for Queensborough would be to provide students with access to information technology at any time and at any location on campus, in effect, the establishment of ubiquitous computing. The Committee believes that the future needs of college students concerning the use of information technology can best be served with a state-of-the-art wireless environment."*

In reference to that goal, it should be noted that through the Technology Fee the College has established an 802.11n standard wireless environment throughout the campus. Presently, the wireless network serves students at iMacs located in the Student Union, kiosks located throughout the campus, in Chemistry Department labs, in a Music Department lab, in a growing number of classrooms, for iPod Touch applications in various Nursing Department lab settings, in the Library's laptop lending program, and more recently across the curriculum the use of iPads for teaching and learning. The wireless environment also supports the ever-increasing variety of hand held devices that students and faculty bring to campus.

When the campus was initially wired, every building on campus was connected to a fiber-optic Ethernet backbone. Soon thereafter, every computer lab on campus was wired to that backbone. Over the last several years, through the Technology Fee, all network switches serving labs have been upgraded to the current 1 Gigabit speed. To enable instructors to take advantage of these connections, the College has sixteen smart-carts that can be rolled into any classroom, connected to the Internet, and used to project multimedia instructional material onto a screen. Over the last several years, and with expansion planned for FY 2015, over 100 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. Near future plans include adding the capability of projecting iPad screens.

### **LOOKING FORWARD**

Major categories of Tech Fee expenditures (detailed below) will be continued in FY 2015, 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.

## **STUDENT DEVELOPMENT \$300,000**

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. Over 60 student interns are employed each semester 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.

For example, thru March 2014, the Special Projects budget has funded: nine additional classroom podiums, a 24 seat Tech Flex classroom for Mathematics, and a pilot project for two half- cost instructional presentation systems designed equip more classrooms at a faster pace.

## **SPECIAL PROJECTS - FY 2015 - \$444,000**

For the coming Fiscal Year the Committee has approved Special Project funding totaling \$444,000. However, throughout the year as additional needs are identified they will be prioritized and voted on by the Committee. Approved projects include:

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Project Name: **Tech-Flex Classrooms**

(This is a recurring project)

Proposed Budget: \$84,000

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.

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Project Name: **Multimedia Classroom Podiums**

(This is a recurring project)

Proposed Budget: \$324,000

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.

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Project Name: **Multimedia Classroom Podia Refresh**

Proposed Budget: \$36,000

Description: As an addendum to the Multimedia Classroom Podium initiative, we are allocating one additional allotment for e-podia technology to a classroom that has legacy presentation capability which no longer meets classroom needs of students and faculty.

## **LICENSING / SOFTWARE \$350,000**

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. See **APPENDIX A** for a list of *FY 2014 Software Expenditures thru March 2014*.

### **ASSISTIVE TECHNOLOGY EXPENDITURES - \$25,000**

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 - \$350,000**

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 - \$50,000**

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 FOUR-YEAR REPLACEMENT CYCLE - \$501,000**

Student-use computers are replaced each year to achieve the goal of not having any older than four years. As new computerized facilities are added thru Special Tech Fee Projects or grants, this number increases accordingly. In FY 2014, 333 computers were replaced. For FY 2015 it is expected that 374 computers will be replaced.

### **ETI - \$330,000**

In FY 2013 CUNY Enterprise Initiatives (Blackboard, Email, Academic Advisement, Etc.) charged to Tech Fee totaled \$330,000. Next year we also anticipate a total of \$330,000.

**APPENDIX A - ACTUAL LICENSING EXPENDITURES – FY2014 thru March**

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.

<b>Vendor</b>	<b>Desc</b>	<b>Cost</b>
Alexander Street Press	History. Music, Classical - Library Research Resource Database	\$ 5,912.00
Allegheny Educational Systems	MasterCAM renewal – Student Lab software	\$ 2,400.00
Am Math Society	MathSciNet – Student Lab software	\$ 105.00
ANSYS	Academic Teaching – Student Lab software	\$ 2,300.00
Apple	Apple Care desktop support – Student Lab software support	\$ 2,239.00
Apple	iMovie Student Lab software – Student Lab software	\$ 191.76
Apple	Additional iMovie Licenses– Student Lab software	\$ 559.47
Apple	Mountain Lion - Student Lab software	\$ 309.69
ArtStor	Artstor - Library Research Resource Database	\$ 1,755.00
Career America, LLC	Fin Aid TV – Student Career Services Software	\$ 14,000.00
CAREER DIMENSIONS, INC.	Focus2 - Student Career Services Software	\$ 1,185.00
CCP Solutions	Scanner Service Contract – Student scanner maintenace	\$ 400.00
CCP Solutions	Scanner Service Contract– Student scanner maintenace	\$ 400.00
CCP Solutions	Scanner Service Contract – Student scanner maintenace	\$ 625.00
CDWG	Parallels – Student Lab software	\$ 1,200.00
CDW-G	Axis Camera License – Student Lab security software	\$ 170.00
Cengage	Lit DBs - Library Research Resource Database	\$ 1,720.66
Cengage	Lit more - Library Research Resource Database	\$ 1,954.17
Cengage Learning	Lit Crit Online - Library Research Resource Database	\$ 2,480.29
Cengage-Gale	Lit License - Library Research Resource Database	\$ 1,640.76
CENGAGE-GALE	Various - Library Research Resource Database	\$ 4,339.68
Chem Abstracts Service-CAS	Chem DB - Library Research Resource Database	\$ 4,405.00
CIMQUEST	Additional users for Solidworks – Student Lab software	\$ 315.00
CIMQuest	Solidworks renewal– Student Lab software	\$ 1,910.00
College Source	access renewal - Library Research Resource Database	\$ 1,165.00
ConnectEDU, Inc.	Epsilen Enterprise License – Student software for E-Portfolio development	\$ 30,000.00
Educational Assessments Corporation	EAC Outcomes test statistics license Library Research Resource Database	\$ 3,500.00
Feedback	Espial Software – Student lab software	\$ 300.00
Filemaker	Filemaker Pro mnaintenance – Student Lab software	\$ 635.00
FIU	FIU Open Education – Student Lab software	\$ 75.00
GALE	Black bio - Library Research Resource Database	\$ 215.59
Gale	Literature DB - Library Research Resource Database	\$ 1,720.66
GALE	Additional volumes of Black bio - Library Research Resource Database	\$ 646.77



GALE	National Geo - Library Research Resource Database	\$ 442.00
Gale	Nursing Resource - Library Research Resource Database	\$ 1,768.73
GALE	Twaynes database - Library Research Resource Database	\$ 589.00
GovConnection	IBM Onsite Repair Service - Student lab support	\$ 1,658.38
HB Communications	Projector SLA renewal – Student classroom support	\$ 3,950.00
Hewlett Packard	1yr ext warranty for renewal – Student classroom support	\$ 274.00
Impatica	Impatica for PP renewal – Student classroom support	\$ 999.00
Intuit	Quickbooks renewal – Student classroom support	\$ 690.00
IOP Publishing	ISX-IOP Science extra - Library Research Resource Database	\$ 1,196.00
Jstor	Life Sci - Library Research Resource Database	\$ 1,500.00
LearningExpress, LLC	GED Test Prep – Student Development Software	\$ 2,699.00
Magna Publications	20 Minute Mentor Commons Renewal	\$ 1,397.00
Minitab	Minitab 45 additional users - Student Lab software	\$ 1,143.45
Minitab	Renewal - (100) users Student Lab software	\$ 2,376.00
MS Dreamspark	DS Prem Online - Student Lab software	\$ 1,280.00
National Instruments	Academic Site License - Student Lab software	\$ 1,835.00
National Instruments	Labview - Student Lab software	\$ 455.00
NAXOS	Music library - Library Research Resource Database	\$ 18,758.14
Nub Games	LibraryH3lp - Library Research Resource Database	\$ 470.00
Ovid Technologies	Wolters Kluwer - eBooks - Library Research Resource Database	\$ 1,622.00
Proquest	eLibrary - Library Research Resource Database	\$ 5,725.00
Proquest	eLibrary Hosting - Library Research Resource Database	\$ 250.00
Quality Matters	eLearning Assessment Services – Student classroom software	\$ 1,650.00
Respondus	Renewal - Student Lab software	\$ 2,095.00
RnB Enterprises	AXIS-TV server & channel Player – Student services	\$ 3,038.00
SoftChalk, Inc	Softchalk maintenance renewal - Student Lab software	\$ 7,040.00
Sprongshare, LLC	LibGuides Annual License - Library Research Resource Database	\$ 2,497.00
StatRef	Medical Dicts - Library Research Resource Database	\$ 512.00
Strivven	Strivven Media – Student Career Services software	\$ 1,520.00
Studica	AutoCAD Maintenance - Student Lab software	\$ 6,732.50
Studica	Captivate 7 - Student Lab software	\$ 941.90
Survey Monkey	Subscription – Student and faculty feedback software	\$ 299.00
Tech Smith	Camtasia maintenance renewal - Student Lab software	\$ 6,562.50
Tech Smith	Camtasia Studio 8.1 - Student Lab software	\$ 4,681.60
Time Warner	ENET Connection Service – Student internet	\$ 108,000.00
Vera Lab	Vera Lab Custom Software - Student Lab software	\$ 3,000.00
VeraLab	Annual Renewal 2/14 - 2/15- Student Lab software	\$ 360.00
VeraLab	VeraLab Programming modification- Student Lab software	\$ 3,000.00
Visix	RSS messenger Publisher – Student Services	\$ 1,349.00
WALDO-Nursing	Nursing DB - Library Research Resource Database	\$ 1,058.30