1)

**PROJECT:** Instructional Services Computer Laboratory Staffing

**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $646,878

Staff responsible for technical support, maintenance, and public services in over twenty computer laboratories; a 100 computer Library Open Computing Center; 220 computer Study Hall; and over 220 Smart Classrooms distributed throughout the College.

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2)

**PROJECT:** Citrix deployment

**Person Responsible for Project:** Billy Lau

**Telephone number:** (718) 482-6129

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $200,000

**Brief Description of the Project:**

Install Citrix servers to allow students to use lab resources such as SPSS, Maple and other software outside the college campus. This will allow students to work from anywhere at their convenience. In addition, the student's Citrix profile will be connected to each students live account as a default data store. This will allow students to save all works into the cloud. This Citrix project will include servers, Citrix licenses, hardware, storage, backup and third party software.
3)

**PROJECT: Library and Computer labs Upgrade**

**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $161,659

**Brief Description of the Project:**
Upgrade the computers, printers, and scanners in the existing Library and Computer Classrooms

4)

**PROJECT: Storage for the Citrix Servers**

**Person Responsible for Project:** Billy Lau

**Telephone number:** (718) 482-6129

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $120,000

**Brief Description of the Project**
Deploy new storage, hardware, and software to support the student Citrix servers project, user storage and online classroom recordings. This will allow users to access additional storage needed for Citrix and other data that needs to be stored locally for better performance. This project will also store critical academic content for online classrooms and ePortfolio. This academic content will be stored and rebroadcast via the intranet and internet.
5)  
**PROJECT:** Backup Library  
**Person Responsible for Project:** Billy Lau  
**Telephone number:** (718) 482-6129  
**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.  
**Project cost:** $20,000  
**Brief Description of the Project**  
Deploy a new backup software and hardware to support various student system such as Citrix, student local storage and online classroom content storage.

6)  
**PROJECT:** Library IPad and Electronic Calculators Project  
**Person Responsible for Project:** Theresia Litvay-Sardou  
**Telephone number:** (718) 482-6123  
**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.  
**Project cost:** $40,000  
**Brief Description of the Project:**  
Upgrade the computers in the existing Library Computer Classroom

7)  
**PROJECT:** Printer Replacement for Student’s Labs
**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123

**Department of College Affected:** All Academic, labs, common areas and departments.

**Project cost:** $25,210

**Brief Description of the Project:**
Upgrade of printers in the existing computer laboratories

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8)

**PROJECT:** Cisco Maintenance

**Person Responsible for Project:** Billy Lau

**Telephone number:** (718) 482-6129

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $60,000

**Brief Description of the Project**
Continue to provide Cisco maintenance coverage.

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9)

**PROJECT:** Cisco Switches

**Person Responsible for Project:** Billy Lau

**Telephone number:** (718) 482-6129

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project Cost:** $10,000
Brief Description of the Project

Replace existing oversubscribed IDF Cisco switches with switches that can port channel multi 10 gb connection to the MDF and provide POE to the student's wireless access points throughout the college.

10)

PROJECT: Wireless Upgrade- College Wide

Person Responsible for Project: Billy Lau

Telephone number: (718) 482-6129

Department of College Affected: All Academic, classrooms, labs, common areas and departments.

Project cost: $40,000

Brief Description of the Project:

Deploy new 1GB wireless access point to allow for student to access various online applications including Citrix, live, blackboard and others. Also to continue maintenance for the existing wireless network contract.

11)

PROJECT: Student Network Upgrade

Person Responsible for Project: Billy Lau

Telephone number: (718) 482-6129

Department of College Affected: All Academic, classrooms, labs, common areas and departments.

Project cost: $350,000

Brief Description of the Project:
In an attempt to meet the ever growing computing needs of the college community, LaGuardia’s student network needs to upgrade its existing network infrastructure with additional internet bandwidth, new switches, fiber optic cables, and security devices - designed to protect vital student data and increase wireless access for a growing student population.

Over the last six months, the number of wireless network users has increased exponentially by 300% from 500 to over 2000. The existing infrastructure is unable to support the student traffic and the system is slowing to an unacceptable levels. As of today our 100mbps internet pipe is running at full capacity.

Students are unable to perform routine on-line registration/pay functions and access library or other on-line resources crucial to their academic success. Instructors are unable to effectively use multimedia to augment their teaching thus potentially limiting student engagement in the learning process. E-portfolio classes are unable to be held due to the slow speed and E-portfolio students are unable to upload there data to the web. E-portfolio instructors are reluctant to additional classes because of the slow speed of the network and internet.

To proactively address the current network infrastructure limits, and to insure that LaGuardia’s students continue to have access to the latest cutting edge technological resources they need to succeed in the classroom and beyond, an investment in the networks capabilities is imperative. We have started to upgrade out internet connection them from 100mbps to 1gbps. However, to complete this upgrade we need to order switches, fiber optic cables and security devices.

This is the final phase of the project once completed all inter-connected MDF will be communicating at 10 GB port channels. All IDF to MDF will also communicate via 10gb port channels. All student labs will have 1 GB to the desktop.

12)

**PROJECT:** Upgrade of Computer Laboratories software

**Person Responsible for Project:** Theresia Litvay-Sardou
**Telephone number:** (718) 482-6129

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project Cost:** $30,000

**Brief Description of the Project:**


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**13)**

**PROJECT:** Library Electronic Database

**Person Responsible for Project:** Jane Devine

**Telephone number:** (718) 482-5421

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

Project cost: $32,637

**Brief Description of the Project:**

Continue to fund the following resources for the College Library: eBrary ebooks subscription, ProQuest, Access Science, EBSCO, Gale Group, and Artstore

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**14)**

**PROJECT:** Computer Laboratories Redesign

**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.
Project cost: $50,000

Brief Description of the Project:

Redesign four existing computer classrooms to enhance quality of teaching and learning.

15)

PROJECT: Smart Classrooms Improvements

Person Responsible for Project: Billy Lau

Telephone number: (718) 482-6129

Department of College Affected: All Academic, classrooms, labs, common areas and departments.

Project cost: $40,000

Brief Description of the Project:

Re-develop and redeploy all smart classrooms to accommodate an increased use by faculty, students and staff. This upgrade will involve new furniture, hardware, video equipment and software. This is projected to take approximately 3 years to complete. Also we will continue to maintain existing equipment.

16) Electrical Outlets – Students Cafeteria C Building Project

Person Responsible for Project: Billy Lau

Telephone number: (718) 482-6129

Department of College Affected: All Academic, common areas and departments.

Project cost: $80,000

Brief Description of the Project:

Provide mobile charging station for BYODs. For this project to succeed, we will need to install new electrical outlets to provide for up to 20 plus charging stations, upgrade the
current Wi-Fi to 802.11ac, security appliance to protect against infected BYODs and various applications to improve connection and network management.

17)

**PROJECT:** Student Technology Mentoring Support

**Person Responsible for Project:** Roslyn Orgel

**Telephone number:** 718-482-5478

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $250,000.

**Brief Description of the Project:**

Additional Student Technology Mentors will be hired to provide training and technical support to the ever-growing number of students currently participating in the College’s nationally recognized E-portfolio initiative.

18)

**PROJECT:** CUNY Enterprise Initiative

**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $240,000

**Brief Description of the Project:**

CUNY initiative approved by the CUNY IT Steering Committee for the University. (Additional 10% of the fund is set aside to be reallocated by CUNY as needed).
19)

**PROJECT:** ADA Software and Hardware Support

**Person Responsible for Project:** Johnny Nelson

**Telephone number:** (718) 482-6123

**Project cost:** $20,000

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Brief Description of the Project:**

Purchase necessary software and hardware for the Center for Students with Disabilities.

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20)

**PROJECT:** Printing Supplies

**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123

**Department of College Affected:** All Academic, classrooms, labs, common areas and departments.

**Project cost:** $80,000

**Brief Description of the Project:**

Purchase printing supplies for the Instructional Services Computer Laboratories.

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21)

**PROJECT:** College wide Software applications (Blackboard, Email, Academic Advisement, etc.)

**Person Responsible for Project:** Theresia Litvay-Sardou

**Telephone number:** (718) 482-6123
Department of College Affected: All Academic, classrooms, labs, common areas and departments.

Project cost: $297,378

Brief Description of the Project:

CUNY central charges for software, subscriptions, and other student related maintenance.