2013-2014

Campus Technology Plans

(Revised 11/1/13)

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# 2013-2014 Campus Technology Plan

## Alexandria Campus

<table>
<thead>
<tr>
<th>Project/Activity</th>
<th>Amount</th>
<th>Start Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Manager Support</td>
<td>$30,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Lab Support</td>
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<tr>
<td>Audio Visual Support</td>
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<tr>
<td>Digital Classrooms and Interactive White Boards</td>
<td>$100,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>New Tyler Building Audio Visual Infrastructure and Digital Classrooms</td>
<td>$440,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>New Tyler Building Information Technology Infrastructure</td>
<td>$484,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>4 Collaborative Learning Areas to Upgrade Study Group Areas</td>
<td>$81,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Campus Digital Information Screens</td>
<td>$35,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<td>10 iMacs, OCC155</td>
<td>$7,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>13 iMacs for AA446</td>
<td>$15,574</td>
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<td>6/30/14</td>
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<tr>
<td>12 Short-Throw Interactive Projectors</td>
<td>$18,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Image PROGRAPH Printer</td>
<td>$1,700</td>
<td>7/1/13</td>
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<td>Panopto</td>
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<td>Hallway Printing and Work Stations</td>
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<td>Queuing Software</td>
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<td>2 High Performance iMacs for A383</td>
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<td>80 Licenses for Deep Freeze for iMacs</td>
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<td>72 iMacs for Photo Labs in New Tyler</td>
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<td>Baily Wedging Table</td>
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<td>4 Short-Throw Projectors for Studios in New Tyler</td>
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<tr>
<td>68</td>
<td>4 iMacs for Studios in New Tyler</td>
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<tr>
<td>69</td>
<td>2 Panasonic HD Projectors</td>
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<td>6 Mac Minis</td>
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<td>6 40” Wall Monitors w/Mounts</td>
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<td>74</td>
<td>Hydraulic Lift and Panelock Wall System</td>
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<td>Ricoh Aficio Laser Printer</td>
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<td>CAPSURE Formula Guide</td>
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<td>Spiral and Wire-O Combo Binding Machine</td>
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<td>79</td>
<td>4 Artgraph Lightgraph Series Light Boxes</td>
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<td>2 SunPak Video Pro Fluid Head Tripods</td>
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<td>Brentford Mobility Cart for MacBook</td>
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<td>24 15” Macbook Pro with Retina Display with applecare</td>
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<td>TOTAL</td>
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<td>$2,156,168</td>
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</tbody>
</table>

**NARRATIVE**

1. **IT Manager Support**
   
   Supervisor Responsible: Dave Babel (IT Manager)
   
   Planned implementation date: 7/1/13
   
   Planned Completion date: 6/30/14
   
   Expected Source of Funds: Campus Tech Plan

   The IT Manager utilizes funding from this line item to procure software utilities used by IT Specialists to administer computers. Additionally, hardware including spare hard drives, system RAM, power supplies for computers out of warranty, tools for the IT Specialists, and mass storage devices for imaging are obtained via IT Manager Support. Campus LAN drop wiring and data switches to support classrooms, computer labs and offices are paid for via this line item.

2. **LAB SUPPORT**
   
   Supervisors Responsible: David Babel (Campus IT Manager), Abid Mahmood (Supervisor, OCC)
   
   Expected Source of Funds: Campus Tech Plan

   - **IT Support**
     
     0.8 P-14, IT
     
     Monday through Thursday Evenings as well as Saturdays
     
     Person responsible: Dave Babel (Campus IT Manager)

     Funding supports a 0.8 P-14 IT Specialist I (AA343) who provides campus network support and IT services Mondays – Thursdays, 2pm to 8pm and Saturdays 8am to 12 noon. This will ensure adequate IT support to the campus computer lab facilities and classrooms given the expansion of campus IT responsibilities. Campus IT Manager monitors the expenditure of the designated funds. $19,377 ($12.50 per hour X 30 hours weekly X 48 weeks; includes FICA)

   - **OCC Lab Support**
     
     0.5 (20 hours/week) P-14, OCC

     Monday through Friday

     Person Responsible: Abid Mahmood (Supervisor, OCC)
Funding supports one 20 hours-per-week P-14 (OCC, AA 156) who will support students in the Open Computer Center. This position will respond to student questions and inquiries related to course work. P-14 positions will assist students with MS-Office and open source such as Google docs. Supervisor OCC monitors the expenditure of the designated funds. $11,200 ($14.00 per hour x 20 hours weekly x 40 weeks)

- **Comm Design LAB SUPPORT**
  - Student-Hires (two), Communication Design Labs
  - AT119, AT140, AA383
  - Monday through Fridays
  - Person responsible: Bob Laubach (Lab assistant)

  Funding supports one student-hire in the Communication Design Labs (AT119, AT 140 and AA383). The student-hire provides lab supervision and open lab time. The individual will provide sixteen hours of open lab time on Mondays 1:00-5:00PM, Tuesdays 3:00-7:00PM, Wednesdays 1:00-5:00PM, and Thursdays 1:00-4:00PM during the fall and spring semester. Computer Operations Technician monitors the expenditure of these funds. $6,400 (16 hours per week X 40 weeks at $10.00 per hour).

Funding supports one student-hire in the Photo Lab (AT263). The student-hire provides lab support and technical assistants to students and teachers. Lab assistant supervises the position and monitors the expenditure of the funds. $6,400 (16 hours per week X 40 weeks at $10.00 per hour).

- **Language LAB SUPPORT**
  - P-14, World Language Center
  - Person Responsible: Abid Mahmood (Supervisor OCC)

  This funding supports one part-time employee (25 hours/week) in the World Languages Center (AA160). This position provides supervision and technical assistance to students and teachers. Additionally this position will assist with semi-annual inventory of equipment. Abid Mahmood will supervise this position. $15,000 ($15 per hour X 25 hours per week X 40 weeks)

3. **Classroom Equipment Support**
   - Person Responsible: David Babel (Campus IT Manager)
   - Planned implementation date: 7/1/13
   - Planned Completion date: 6/30/14
   - Expected Source of Funds: Campus Tech Plan

   $15,000
Maintenance and supply items to support classroom instructional systems: Podiums, cameras, LCD lamps, VGA/audio/video cabling, and necessary system repairs for out of warranty equipment.

4. Digital Classrooms and Interactive White Boards

$100,000
Person Responsible: (Supervisor IS&D)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

Funding from the campus tech plan would be used to upgrade up to 12 classrooms to fully digital audio and visual equipment including new wiring and digital control equipment. This also includes inter-active devices. The implementation of this teaching tool would be in alignment with K-12 usage in Arlington and Alexandria schools.

5. New Tyler Building Audio Visual Infrastructure and Digital Classrooms

$440,000
Person Responsible: David Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

Funding from Furniture, Fixtures and Equipment (FF&E) will implement digital audio visual presentation equipment, digital classroom control and switching equipment, touch-screen source selection interface units, media-friendly systems, Mac servers and lecterns in the New Tyler Building. This also includes all Interactive presentation devices, wiring and installation costs.

6. New Tyler Building Information Technology Infrastructure

$484,000
Person Responsible: David Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14
Funding from Furniture, Fixtures and Equipment (FF&E) would be used to purchase the Information Technology Infrastructure equipment including data switches, communication racks, patch panels, wireless access points and wireless controllers, security cameras and the local area network connection equipment to connect New Tyler to the campus and college network.

7. Collaborative Learning Areas to Upgrade Study Group Areas

$81,000
Person Responsible: Abid Mahmood (Supervisor OCC)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

Data from student surveys indicate a need for collaborative learning spaces at the Alexandria Campus. Collaborative workspaces support student engagement and student-led learning. We have found a product from Mediascape that allows students to access and share information by allowing all participants to contribute their ideas – equally, quickly and seamlessly.

8. Digital Signage

$35,000
Person Responsible: Abid Mahmood (Supervisor, OCC)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

As part of service excellence and customer service, this system allows one to connect and interact with our students, patrons by providing scheduling information, compiling announcements and snapshots/videos. This will also include interactive map of the campus.

9. Ten iMacs, Open Computer Lab AA155

$7,000
Person Responsible: David Babel (Campus IT manager)/Abid Mahmood (Supervisor, OCC)
Planned Implementation date: 7/1/12
Expected Source of Funds: ETF
Planned completion date: 6/30/13

Based on student and faculty survey data, more mobile devices are being used by students and faculty utilizing IOS operating system. By providing iMacs in the Open Lab (AA155), students’ access to the IOS operating system and the collaboration between their mobile devices and the stationary devices will be enhanced. The campus will pay the difference between a standard desktop Windows computer and the standard iMac computer, which comes out to $700 per station.
10. AA446 13 iMacs: Class and Lab Use
   $15,574
Person Responsible: Abid Mahmood (Supervisor OCC)
Planned Implementation date: 7/1/13
Expected Source of Funds: ETF
Planned completion date: 6/30/14

Replace PCs with iMacs in AA446. This is an ITE classroom computer lab and ITE faculty require
that they be able to teach from both Apple McIntosh platforms and Windows platforms. The
iMac allows for that versatility. The college technology plan will fund $800 per station and then
ETF funding will pay for the remaining $1,198 per iMac station. 13 X $1,198 per iMac =
$15,574.

11. 12 Short-Throw Interactive Projectors for Classrooms
    $18,000
Person Responsible: David Babel (IT Manager)
Planned Implementation date: 7/1/13
Expected Source of Funds: ETF
Planned completion date: 6/30/14

Replace older lcd projectors with new digital interactive short-throw projectors that also work
with interactive software already purchased by the campus. This will enhance learning in the
classroom.

12. Image Prograph Printer
    $1,700
Person Responsible: David Babel (IT Manager)
Planned Implementation date: 7/1/13
Expected Source of Funds: ETF
Planned completion date: 6/30/14

13. Panopto
    $33,000
Person Responsible: David Babel (IT Manager)
Planned Implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned completion date: 6/30/14

Lecture capture technology will be implemented in the remaining classrooms that did not get it
during the pilot project. There are 130 classrooms left to install this technology in.

14. Hallway Printing and Work Stations
    $8,000
Provide additional convenient places available at any time for students to use the Internet and print papers and documents in several locations in Bisdorf, and in Tyler. 12 stations in Bisdorf and 4 in Tyler, estimated cost of 16 netbooks is $4,800 and the cost for 16 LAN drops is approximately $3,200, totaling $8,000. Two printers for $2,700. Two card readers and stands for $300 total. (The college already has the two licenses for Pay Printing). The table surfaces would be funded from a campus budget. No chairs required; these will be standup stations.

### 15. Queuing software

**Person Responsible:** Leslie Bowman (Supervisor, IS&D)  
**Planned implementation date:** 7/1/13  
**Expected Source of Funds:** Campus Tech Plan  
**Planned Completion date:** 6/30/14

Alexandria Campus would pilot a web based SaaS environment queuing system for Student Services, Financial Aid, Testing Center, and the Open Computer Center.(Q-Less software) This would reduce student wait time and enhance service excellence delivery. This system is currently being used in many colleges and universities including University of Texas at Austin and Mesa Community College.

### 16. Digital Signage

**Person Responsible:** Abid Mahmood (Supervisor, OCC)  
**Planned implementation date:** 7/1/13  
**Expected Source of Funds:** Campus Tech Plan  
**Planned Completion date:** 6/30/14

As part of service excellence and customer service, this system allows one to connect and interact with our students, patrons by providing scheduling information, compiling announcements and snapshots/videos. This will also include interactive map of the campus.

### 17. 25 iMacs for Additional Mac Lab in New Tyler

**Person Responsible:** Abid Mahmood (Supervisor, OCC)  
**Planned implementation date:** 7/1/13  
**Expected Source of Funds:** FF&E  
**Planned Completion date:** 6/30/14

As part of service excellence and customer service, this system allows one to connect and interact with our students, patrons by providing scheduling information, compiling announcements and snapshots/videos. This will also include interactive map of the campus.
18. **Logic Pro for Mac Labs**
Person Responsible: Abid Mahmood (Supervisor, OCC)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

Logic Pro will be used by music faculty and students to write, record, edit, and mix music. The amount of funding is for 175 copies to go in all of the Mac Labs.

19. **LED HDTV Monitor**
Person Responsible: David Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

Install one HDTV inter-active monitor in classroom AA463 to pilot using this new technology together with Windows 8.

20. **44" Large Format Inkjet Printer**
Person Responsible: David Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

This large format inkjet printer will be used for instruction in photography courses that involve printing. This large format printer is the industry standard for photography printing and will allow instructors to demonstrate printing on a larger scale than any printer currently owned by the photography and media department. Learning to print larger is the key to understand printing and color photography.

21. **4 HD Digital Projectors**
Person Responsible: David Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

These digital projectors would be used in all of the photography and media classrooms. They are high quality projectors that will allow instructors of photography and video to easily convey
fundamental points about color, tone, and image quality. It will save time by allowing students to see the concept on the projection screen instead of huddling around a single monitor.

22. 4 Lavalier Mic Systems  
Person Responsible: David Babel (IT Manager) 
Planned implementation date: 7/1/13 
Expected Source of Funds: ETF 
Planned Completion date: 6/30/14 

These lavalier microphones are for instruction and practice of video production techniques for a variety of professional situations, including interviews, documentaries, action, and dramatic filmmaking.

23. iPad Cart with 26 iPads  
Person Responsible: IS&D Supervisor 
Planned implementation date: 7/1/13 
Expected Source of Funds: ETF 
Planned Completion date: 6/30/14 

The iPads and cart would be used for our studio and history courses in photography and media. They will be used in various courses with diverse goals including student research tool, group projects, writing contracts and model release forms, editing photographs, living shooting, and of communication.

24. 2 High Performance iMacs for AA383  
Person Responsible: Dave Babel (IT Manager) 
Planned implementation date: 7/1/13 
Expected Source of Funds: ETF 
Planned Completion date: 6/30/14 

These iMacs are for student use in Bisdorf 383. They would be used for video, photography and multimedia purposes. These computers will bring the total number of computers in Bisdorf 383 to 23 student computers and 1 instructor station.

25. 2 Profoto Battery Power Sources  
Person Responsible: Bob Laubach
These battery packs will be used in studio lighting and video courses. They allow students to use lighting equipment in the field where there is no access to power outlets.

**26. 2 Large Interview Kits**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

$4,000

These LED lights will be used for instruction in our video production courses. These LED lights are the newest and most affordable options in lighting for video. They will give our students access to learn and use new equipment that they would potentially buy.

**27. Camcorder**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

$2,200

This video camcorder will be used to instruct students on high quality video production. This camcorder would allow for smaller group sizes during class lectures and labs.

**28. 35mm Camera with Mount**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

$6,850

This video camera, lens, and solid-state drive are needed as a set. They will be used to instruct students on high quality video production. This new camera allows instructors to demonstrate current technology that is being used by professionals in the field.
**29. Camera with EOS Lens**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

This lens will be used to instruct students on high quality lenses suited for both still and video production at a professional level. This lens is especially important in the demonstration of still life and architecture photography.

**30. Digital Rangefinder Camera and Lens**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

This rangefinder camera would be the first one for the photography and media department. Leica is the only company currently making a rangefinder camera, which is dramatically different than any other camera on the market. This camera will allow students to learn another camera format and system.

**31. 2 Flash Essential Kits**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

This Nikon flash system will allow instructions in studio lighting, portrait lighting, and flash photography to train students in the use of a portable flash gear for various professional practices, including wedding, corporate, and editorial photography.

**32. 2 Camera Stabilization Systems**
Person Responsible: Bob Laubach
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

This steadicam is for instruction and training in professional video practices, including wedding,
corporate, editorial, and filmmaking productions, when a smooth cinematic look is desired. This device is very versatile and can be used with almost any device.

33. **Camcorder with Shotgun Mic**
   Person Responsible: Bob Laubach
   Planned implementation date: 7/1/13
   Expected Source of Funds: ETF
   Planned Completion date: 6/30/14

   This video camera and microphone are needed as a set. They will be used to instruct students on high quality video production. This new camera allows instructors to demonstrate current technology that is being used by professionals in the field.

34. **Mac Pro Server**
   Person Responsible: Dave Babel (IT Manager)
   Planned implementation date: 7/1/13
   Expected Source of Funds: Campus Tech Plan
   Planned Completion date: 6/30/14

   The server will be used by IT Staff to manage Apple iMacs in the Mac labs.

35. **Apple Remote Desktop**
   Person Responsible: Mac Lab Assistants
   Planned implementation date: 7/1/13
   Expected Source of Funds: Campus Tech Plan
   Planned Completion date: 6/30/14

   The software product will be used by Mac Lab Assistants to automatically deliver software updates to the iMacs in the Mac labs.

36. **80 Licenses for Deep Freeze for iMacs**
   Person Responsible: Dave Babel (IT Manager)
   Planned implementation date: 7/1/13
   Expected Source of Funds: Campus Tech Plan
   Planned Completion date: 6/30/14

   The licenses will be used to maintain the iMacs in a consistent state, preventing software conflicts and ensuring a smooth computing experience for students and faculty.
Deep Freeze will be installed by IT Staff on iMacs in all Mac labs to keep the desired software configuration the same by rebooting and thus eliminating unwanted changes made by users.

37. **Monochrome Laser Printer**  
Person Responsible: Dave Babel (IT Manager)  
Planned implementation date: 7/1/13  
Expected Source of Funds: Campus Tech Plan  
Planned completion date: 6/30/14

For faculty to share in the Photo’s faculty office.

38. **Color Laser Printer**  
Person Responsible: Dave Babel (IT Manager)  
Planned implementation date: 7/1/13  
Expected Source of Funds: Campus Tech Plan  
Planned completion date: 6/30/14

For faculty to share in the Photo’s faculty office.

39. **72 iMacs for Photo Labs in New Tyler**  
Person Responsible: Dave Babel (IT Manager)  
Planned implementation date: 7/1/13  
Expected Source of Funds: FF&E  
Planned completion date: 6/30/14

New powerful iMacs are needed for the New Tyler Building’s Mac Labs.

40. **9 Mac Book Pros for Faculty in New Tyler**  
Person Responsible: Dave Babel (IT Manager)  
Planned implementation date: 7/1/13  
Expected Source of Funds: FF&E  
Planned completion date: 6/30/14

Faculty teaching from Apple-based systems will require mobile technology that uses the same operating system in the New Tyler Building.

41. **7 Apple 27” Thunderbolt Displays and Thunderbolt Adapters**  
Person Responsible: Dave Babel (IT Manager)  
Planned implementation date: 7/1/13  
Expected Source of Funds: FF&E  
Planned completion date: 6/30/14

Faculty teaching from Apple-based systems will require mobile technology that uses the same operating system in the New Tyler Building.
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

For use by the Photography department in conjunction with the Apple Macbook Pros in the studio lighting classroom.

**42. 4 High Resolution HDMI Digital Projectors**
$20,000

Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

The Photo department requires high resolution projection equipment to enhance the quality of projecting the student’s photo assignments onto the classroom’s screens.

**43. 12 Large Format Large Inkjet Printer for Photo** $16,800

Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

The Photo department requires inkjet-type printers due to the quality of printing that they provide.

**44. 6 Flatbed Scanners** $6,000

Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

For use by the Photography department in iMac labs for digital imaging classwork. These scanners will allow for the use of analog and digital technology in image making.

**45. 5 Apple TVs and HDMI Adapters** $6,000

Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14
For use in the Photography department’s classrooms in conjunction with iPads. These Apple TVs will allow more demonstrations between projector and iPad.

46. **3 Apple Mac Book Pros for ITE Programming Faculty** $6,219
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

47. **3 27” Apple iMacs for Faculty in The New Tyler Building** $5,597
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

48. **3 Apple iPads for ITE Faculty Teaching Programming** $1,800
Person Responsible: IS&D Supervisor
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

49. **2 Mac Pro Servers for ITE Faculty Teaching Networking** $6,998
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

50. **Dell PowerEdge T110 II Server for ITE Networking Faculty** $3,500
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

51. **4 Belkin Gigabit Routers** $519
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

52. 25 Belkin Wireless Adapters $1,250
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

53. 2 Natural Gas DLB $38,000
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

54. 50-Amp High Jupiter Automatic Panel $5,400
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

55. 2 K-B 2436 70-Amp $50,000
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

56. 562 eQ2827-3 60-Amp $8,400
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

57. 14 Shimpo Pottery Wheels $16,800
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
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<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Cost</th>
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<tr>
<td>58.</td>
<td>3 Brent-Ware Carts</td>
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<td>59.</td>
<td>North Star Big Blue Extruder &amp; Die Set</td>
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<td>Planned Completion date: 6/30/14</td>
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<tr>
<td>60.</td>
<td>North Star Ultimate 4” Extruder Set</td>
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<td>61.</td>
<td>Baily’s Formulating Tables</td>
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<td>62.</td>
<td>3 Potter Stainless Work Tables</td>
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<td>63.</td>
<td>Baily Wedging Table</td>
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Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

64. 48 St. Remy Multi-Angle Easels  $23,670
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

65. Art Studio Taboret  $9,600
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

66. 2 Studio Model Stands  $4,000
Person Responsible: Bill Schran, Liberal Arts
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

67. 4 Short-Throw Projectors for New Tyler Studios  $6,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

68. 4 iMacs for New Tyler Studios  $6,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

69. 2 Panasonic HD Projectors for New Tyler  $7,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

70. 6 Mac Minis for New Tyler  $3,600
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14
71. **6 40” Wall-Mounted Monitors** $4,500
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

72. **Sony Blue-Ray Disc Player w/Cables** $5,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

73. **Sony 55” Ultra HD 3D Internet TV w/Mount** $5,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

74. **Hydraulic Lift and Panelock Wall System for New Tyler** $15,000
Person Responsible: Elizabeth Hill
Planned implementation date: 7/1/13
Expected Source of Funds: FF&E
Planned Completion date: 6/30/14

75. **2 Epson Expression 10000XL Graphics Arts Scanners** $5,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

Labs AT-140 and AT-119 have two flatbed scanners that are twelve years old. For technical reasons and instructional needs they need to be replaced.

76. **Ricoh Aficio Laser Printer** $3,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

Communications Design needs to have access to color printing for classes that are not scheduled in the Mac labs (AT-254 & 253) This printer would be housed in AT-251 to keep it secure, and so faculty can access it to print student work and proofs.
77. **CAPSURE Formula Guide** $700
Person Responsible: Elizabeth Hill
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

Communications Design needs to finely control our color calibration for printing student projects for when they are learning digital prepress.

78. **4 Art Graph Light Graph Light Boxes** $700
Person Responsible: Elizabeth Hill
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

79. **Spiral & Wire-O Combo Binding Machine** $800
Person Responsible: Elizabeth Hill
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

We need to provide the bindery tools for hands-on learning to print graphic design students.

80. **2 Sun Pak Video Pro Fluid Head Tripods** $1,800
Person Responsible: Elizabeth Hill
Planned implementation date: 7/1/13
Expected Source of Funds: Campus Tech Plan
Planned Completion date: 6/30/14

Our current tripods do not have a fluid head and are at least 15 years old. We need the tripods for students to document their work, photograph table top set ups of their product design for print collateral and advertising design. We also need them for our multimedia classes for stop action animation, and video filming.

81. **Brentford Mobility Cart for Mac Book** $1,800
Person Responsible: IS&D Supervisor
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

We are losing a complete Mac lab when we move to the new Tyler building. This cart will hold/charge and secure the MacBook Pro laptops will allow us to use them in the
studio/classrooms that are being wired for this purpose. All classes require computers.

82. 25 15” Mac Book Pros w/Retina Display & Applecare $70,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

83. Epson Stylus Pro 4900 $2,300
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

We need to have access to large format color printing for many projects that are assigned. We are to have parity with what the Loudoun Campus ComDesign program has and they have a similar printer. Our students have had to pay for this themselves or drive to Loudoun.

84. Epson Expression 10000XL Graphics Arts Scanner $2,155
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

85. 5 Mayline 5-Drawer Flat Files 30X42” $15,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

Faculty and staff need this storage space to house samples and protect projects.

86. 2 Mayline 5-Drawer Flat Files 24X36” $5,000
Person Responsible: Dave Babel (IT Manager)
Planned implementation date: 7/1/13
Expected Source of Funds: ETF
Planned Completion date: 6/30/14

Faculty and staff need this storage space to house samples and protect projects.
## 2013-14 Campus Technology Plan

### Annandale Campus

<table>
<thead>
<tr>
<th>Project/Activity</th>
<th>Amount</th>
<th>Start Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Manager Support</td>
<td>10000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Lab Support</td>
<td>46000</td>
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<td>6/30/14</td>
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<td>Electronic Whiteboards</td>
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<td>12/30/14</td>
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<tr>
<td>Misc. VTC maintenance items</td>
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<td>9/30/14</td>
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<tr>
<td>Upgrade Piano Lab CM with digital switching and monitoring</td>
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<td>12/1/13</td>
<td>12/30/14</td>
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<td>I Pad Learning Lab (3)</td>
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<td>1/30/14</td>
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<td>Software License Renewals</td>
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<td>Upgrade 105 complete Classrooms to digital designs Age</td>
<td>1,155,000</td>
<td>7/1/13</td>
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<td>Replace remaining Type 2 cable CE</td>
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<td>2/28/14</td>
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<td>Cabling/ Ct remodel needs/ Classrooms</td>
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<td>Cultural Center Maintenance IT</td>
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<td>6/30/14</td>
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<tr>
<td>Implement Technology in CM kitchen lab with video capture capability</td>
<td>9000</td>
<td>9/1/13</td>
<td>9/30/14</td>
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<td>Wireless upgrades as necessary academic buildings, library, student lounges</td>
<td>12000</td>
<td>10/1/13</td>
<td>10/30/14</td>
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<td>Presentation system upgrades CM Hospitality MGMT dining room</td>
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<td>Testing Center Surveillance Service Contract</td>
<td>900</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<td>Convert student computers in CF to drops only with proper connections</td>
<td>10000</td>
<td>9/1/13</td>
<td>9/30/14</td>
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<td>Pilot a digital multi-screen presentation design for small auditorium classrooms on the AN campus like CN 117</td>
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<td>Misc. tech items FSRC mice, keyboard, camera</td>
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<td>Misc. tech items OCL, Tutoring</td>
<td>1000</td>
<td>7/1/13</td>
<td>8/1/13</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
<td>Cost</td>
<td>Start Date</td>
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<td>------</td>
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</tr>
<tr>
<td>20</td>
<td>LYNDIA licenses (5) LTR Training</td>
<td>1750</td>
<td>7/1/13</td>
</tr>
<tr>
<td>21</td>
<td>Conference Rooms CC and Ct bldg</td>
<td>9000</td>
<td>7/1/13</td>
</tr>
<tr>
<td>22</td>
<td>Various Flat Panels requested student services</td>
<td>12000</td>
<td>7/1/13</td>
</tr>
<tr>
<td>23</td>
<td>MacBook Pros LTR student circulation</td>
<td>4000</td>
<td>7/1/13</td>
</tr>
<tr>
<td>24</td>
<td>Cameras digital Media production lab LTR</td>
<td>1500</td>
<td>7/1/13</td>
</tr>
<tr>
<td>25</td>
<td>I pads student use tutoring</td>
<td>2000</td>
<td>7/1/13</td>
</tr>
<tr>
<td>26</td>
<td>Enhance presentation system and install capture audio and video system in Oral Comm. Center</td>
<td>9000</td>
<td>9/1/13</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td>1,524,950</td>
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</tr>
</tbody>
</table>

(Item 1 IT Manager Support) $ 10,000

Person Responsible: Wayne Ledford  
Planned implementation date: 7/1/13  
Planned Completion date: 6/30/14  
Expected Source of Funds: College Tech Plan  
Provide funding for various maintenance items like bulbs, tech supplies, cables, etc. The campus run rate for bulbs has been 8500 per year.

ITEM 2 LAB SUPPORT $ 46,000

Person Responsible: Steve Kohls/ AN Dean LTR  
Planned implementation date: 7/1/13  
Planned Completion date: 6/30/14  
Expected Source of Funds: College Tech Plan  
Funding Supports Saturday P-14 and student hire staffing in the OCL, for evenings and weekends.

ITEM 3 ELECTRONIC WHITEBOARDS $30000

Person Responsible: Bruce Ghofrany  
Planned implementation date: 7/1/13  
Planned Completion date: 6/30/14  
Expected Source of Funds: College Tech Plan  
Purchase and install additional whiteboards to grow the number of placements on campus to
meet the 60% college target by 2015.

ITEM 4 Misc. VTC maintenance items $7000
Person Responsible: Wayne Ledford
Planned implementation date: 9/1/13
Planned Completion date: 9/30/13
Expected Source of Funds: College Tech Plan
Provide funds to purchase misc. items like people+ content. As we have used the VTC systems over the year, we have found a need to integrate with Skype as well as be able to push content to participants. These capabilities require the purchase of small add-ons to our VTC systems.

ITEM 5 Upgrade Piano Lab CM with digital switching and monitoring $50000
Person Responsible: Wayne Ledford/ Duncan Tebow
Planned implementation date: 12/1/13
Planned Completion date: 12/30/13
Expected Source of Funds: College Tech Plan
At the request of the Dean, the division was met with to determine update needs for the electric piano lab. It was determined the materials today lack more modern capabilities like midi connections and ability to interface with computers. An upgrade to the piano lab will aid in student recruitment and retention in the music program.

ITEM 6 IPAD LEARNING LABS $65000
Person Responsible: Wayne Ledford
Planned implementation date: 1/1/14
Planned Completion date: 1/30/14
Expected Source of Funds: College Tech Plan
Purchase 3 ea 30 I Pad carts for use by faculty in the classroom for student work. This will give the AN campus a total of 6 carts one for each academic building. New lockout features on IOS 6 should be able to support in class electronic testing via blackboard and I Pad.

ITEM 7 SOFTWARE LICENSE RENEWALS $7000
Person Responsible: Wayne Ledford
Planned implementation date: 7/1/13
Planned Completion date: 6/30/14
Expected Source of Funds: College Tech Plan
This will fund software renewals not covered by the academic renewal process. This will include things like School Vue labs and FSRC, Drive Shield and Final Cut Pro for LTR.

ITEM 8 UPGRADE 105 CLASSROOMS $1,155,000
Person Responsible: Bruce Ghofrany
Planned implementation date: 7/1/13
Planned Completion date: 6/30/14
Expected Source of Funds: College Tech Plan
105 classrooms are due for updates due to age, and they remain analog systems within the
spaces. This includes projector, document camera, amplification and control.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Upgrade network cabling in CE</td>
<td>$15000</td>
</tr>
<tr>
<td></td>
<td>Person Responsible: Wayne Ledford</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned implementation date: 2/1/14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned Completion date: 2/28/14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Expected Source of Funds: College Tech Plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This will provide funding for the removal of the remaining Type 2 network cables in the CE building. This will provide a more stable network, and faster data thru-put. A portion of the Type 2 was replaced in FY 2013 as part of CE maintenance. This should provide enough funding to complete the task.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>SET ASIDE FOR REMODELING IN CT BLDG</td>
<td>$15000</td>
</tr>
<tr>
<td></td>
<td>Person Responsible: Bruce Ghofrany</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned implementation date: 7/1/13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned Completion date: 6/30/14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Expected Source of Funds: College Tech Plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This is a set aside to provide updates in the CT building after some of the work units relocate to Pender Drive. While the spaces will be built out in FY13 with campus funds, this request will provide support for misc. items as they arise.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>ERNST CENTER MAINTENANCE</td>
<td>$7000</td>
</tr>
<tr>
<td></td>
<td>Person Responsible: Bruce Ghofrany</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned implementation date: 7/1/13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned Completion date: 6/30/14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Expected Source of Funds: College Tech Plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>These funds will provide resources for small IT repairs and technology replacements as needed in the Ernst Center for seminar rooms, theatre and presidents dining room.</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>ITEM</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Implement Technology in CM kitchen lab</td>
<td>$9000</td>
</tr>
<tr>
<td></td>
<td>Person Responsible: Bruce Ghofrany/ Janet Sass/ Celeste Dubeck-Smith/ Mark Herbert</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned implementation date: 7/1/13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned Completion date: 7/30/13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Expected Source of Funds: College Tech Plan</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Purchase PTZ camera, wiring and video monitor for implant into the kitchen for the creation of short skills videos for distribution to students via lecture capture/ Blackboard. This will allow for creation of an NVCC kitchen skills library.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Wireless Upgrades for academic buildings, library student lounges</td>
<td>$12000</td>
</tr>
<tr>
<td></td>
<td>Person Responsible: Bruce Ghofrany</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planned implementation date: 7-1-13</td>
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</tr>
<tr>
<td></td>
<td>Planned Completion date: 6-30-14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Expected Source of Funds: Technology Plan</td>
<td></td>
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<tr>
<td></td>
<td>Brief Narrative: Funds will provide for updates to the wireless network. Wireless thru-put is a</td>
<td></td>
</tr>
</tbody>
</table>
serious concern as expressed by numerous students via surveys and the SGA town hall meeting.

Item 14 Presentation System upgrades CM Hospitality Dining Room $20000
Person Responsible: Bruce Ghofrany/ Janet Sass/ Celeste Dubek Smith
Planned implementation date: 7-1-13
Planned Completion date: 9-30-13
Expected Source of Funds: Technology Plan
Brief Narrative: Funds will provide for the installation of a more modern audio and video presentation system in the Hospitality Mgmt. Dining Room. The presentation system in the space is similar to a classroom system. The current system does not provide the same professional capabilities and low profile appearance students will encounter in the work place.

Item 15 Testing Center Surveillance Cameras Annual Service Plan $900
Person Responsible: Charles Kim
Planned Implementation Date: July 1, 2013
Planned Completion Date: June 30, 2014
Expected Source of Funds: Technology Plan
Brief Narrative: This annual service plan will provide onsite support, with a guaranteed turnaround time, for the surveillance system already in place in the Annandale Testing Center. The vendor, Surveillance Secure Inc., will conduct a 6-month onsite review of the overall surveillance system operation and clean lenses for all cameras. The plan includes a waiver of Travel charges ($180) and a 15% discount on Parts & Labor rates. This service plan is necessary to maintain the surveillance equipment used in the Testing Center’s operations – surveillance is used to monitor for cheating and maintain testing integrity.

Item 16 (2) Convert student computers in CF to drops with proper connections $10000
Person Responsible: Bruce Ghofrany
Planned Implementation Date: July 1, 2013
Planned Completion Date: August 31, 2013
Expected Source of Funds: Technology Plan
Brief Narrative: The funds will allow for the conversion of the student computers in the CF building to a BYOD environment. Currently, the student PCs are often disconnected for BYOD use. The funds will allow for proper mounting and installations of hardware more suitable to BYOD environment. This is also a result of significant student feedback requesting more BYOD capability.

ITEM 17 Pilot a digital multi-screen presentation design for small auditorium classrooms $23000
Person Responsible: Bruce Ghofrany
Planned implementation date: 3/1/14
Planned Completion date: 3/30/14
Expected Source of Funds: College Tech Plan
AN campus has a number of small auditoriums like CN 117, CS 129 etc. currently serviced by a single projector. Given the size of the spaces and the number of students, faculty and student
feedback is that a single projector system is insufficient for these spaces. The funding will support a new digital multi-display design which can be piloted to determine adequacy.

ITEM 18 MISC. Tech Items FSRC  $2800
Person Responsible: Hector Revollo
Planned implementation date: 7/1/13
Planned Completion date: 6/30/14
Expected Source of Funds: College Tech Plan
This will provide funding for misc. tech items like cameras, mice, keyboard etc. as requested by the FSRC. A number of these items are reaching end of life based on age or wear and tear.

Item 19 Misc. tech Items OCL/Tutoring
Person Responsible: Sarah Bogdewiecz/Mark Johnson/ Steve Kohls
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan
Brief Narrative
Funds will provide for the addition of 2 graphing calculators for students to use while receiving services at the Tutoring Center. We currently have a collection of 4 calculators that are available for students to use and are in high demand. It will also provide replacement headphones for the computers in the Open Computer Lab.

(Item 20) LyndaPro – 5 licenses (minimum) for LTR
Amount  $1750
Person Responsible: Jami Yazdani
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan
Brief Narrative
The purchase of a LyndaPro account will support the professional development and training of LTR faculty and staff. Lynda provides access to a more extensive set of resources than Atomic Learning and their tutorials tend to be more up to date and comprehensive. The pricing plan we are interested in does not put a limit on the number of users who may have an account to access Lynda’s rich set of video tutorials, rather the limit is set on how many users will be able to access at a time (5). We see opportunities to not only support ongoing learning for our staff but also for incorporating tutorials as training tools for new staff members.

Item 21 Buildout 2 conference rooms one CC bldg. one CT bldg
Amount  $9000
Person Responsible: Wayne Ledford/Rizwan Rahman
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan
Brief Narrative
Our conference rooms spaces are in high demand. With the conversion of two conference rooms in CA building to office space, Additional conference rooms and meeting spaces are needed. One space in CC and one space in CT building have been designated for the buildout.

Item 22 Flat Panels various locations Student Services CA building
Amount $12000
Person Responsible Wayne Ledford/ Ellen Francher-Ruiz
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan
Brief Narrative
Student services require multiple flat panels in different location for the communication of queue information as well as the communication of news and emergency messages. The funding will provide for the hardware and installation of flat panels for this purpose.

Item 23 3 Mac Book Pros with AppleCare
Amount $4000
Person Responsible Diana Aram
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan
Brief Narrative
Our Macbooks are in high demand. To date, the 3 newer Macbooks that began circulating in April 2012 have been checked out a total of 1434 times. To give perspective, the library has 37 circulating laptops and the total number of loans in 2012 was 4072. The 3 Macbooks added in April represent over a quarter of our total laptop loans and we would like to purchase more to meet student demand.

Item 24 Cameras (DSLR and video camera for Media Room)
Amount $1500
Person Responsible Diana Aram
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan
Brief Narrative
The library currently has 1 DSLR (Canon Rebel xti) for loan and it has become increasingly more popular with students. The camera has circulated 20 times over the last year and has oftentimes been unavailable when other students have requested it. While we have a number of lower end camera options that meet the needs of many of our students, some of our more tech savvy students specifically seek out the feature rich DSLR for project work. We would like to use the remaining funds to purchase an additional video camera for video projects.

Item 25 4 iPads for ASC student use
Amount $2000
Person Responsible Sarah Bogdewiecz/Mark Johnson
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan

Brief Narrative
Funds will provide for 4 iPads which will aid in delivering tutoring sessions to students needing assistance with Math and Science-based courses. Tutors have located and used math/science applications for assistance in delivering tutoring sessions with favorable outcomes (with the one iPad currently belonging to the center’s supervisor). We are requesting to add 4 to our collection and utilize the applications available to assist in such courses.

Item 26 LCD screens for student use OCC and Tutoring
Amount $9000
Person Responsible Sarah Bogdewiecz
Planned implementation date 7-1-2013
Planned Completion date 8-31-2013
Expected Source of Funds Technology Plan

Brief Narrative
Funds will provide for a new LCD screen which will be used for students to view public speaking critiques, viewing videos and visual aids during workshops and seminars that are held in the Oral Communication Center. Funds will provide for 1 new LCD screen which will be used for students to view instructional videos, and visual aids during workshops and seminars held in the Tutoring Center. Funds will also provide for necessary control system, as well as video and audio capture capability for the Oral communications Center.

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2013-2014 Technology Plan

Loudoun Campus

<table>
<thead>
<tr>
<th>Project/Activity</th>
<th>Amount</th>
<th>Start Date</th>
<th>Completion Date</th>
</tr>
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<tbody>
<tr>
<td>1 IT Manager Support</td>
<td>12,500</td>
<td>7/1/13</td>
<td>11/30/13</td>
</tr>
<tr>
<td>2 Lab Support (LO,SH &amp; Reston)</td>
<td>82,062</td>
<td>7/1/13</td>
<td>11/30/13</td>
</tr>
<tr>
<td>3 Upgrade LR138 (was nursing room)</td>
<td>15,000</td>
<td>7/1/13</td>
<td>11/30/13</td>
</tr>
<tr>
<td>4 Upgrade SH331 former Old Dominion</td>
<td>12,000</td>
<td>7/1/13</td>
<td>11/30/13</td>
</tr>
<tr>
<td>5 Upgrade 4 Classrooms to digital-SH</td>
<td>21,000</td>
<td>7/1/13</td>
<td>11/30/13</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Amount</td>
<td>Start Date</td>
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<tr>
<td>6</td>
<td>Panasonic PT-rw330u x5</td>
<td>10,500</td>
<td>7/1/13</td>
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<tr>
<td>7</td>
<td>Classroom / theater projector bulbs</td>
<td>15,000</td>
<td>7/1/13</td>
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<td>8</td>
<td>SchoolVue licenses</td>
<td>5,000</td>
<td>7/1/13</td>
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<td>9</td>
<td>Lecture Capture equipment</td>
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<td>10</td>
<td>Brightlight 450wi interactive for SH</td>
<td>8,000</td>
<td>7/1/13</td>
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<td>11</td>
<td>Upgrade 5 Science labs</td>
<td>75,000</td>
<td>7/1/13</td>
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<tr>
<td>12</td>
<td>Upgrade SH Mac lab x 10</td>
<td>25,000</td>
<td>7/1/13</td>
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<td>13</td>
<td>IPAD add/replacements for Cart.x 15</td>
<td>10,500</td>
<td>7/1/13</td>
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<tr>
<td>14</td>
<td>External Webcam</td>
<td>2500</td>
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<tr>
<td>15</td>
<td>Computers expansion testing center</td>
<td>15,660</td>
<td>8/1/13</td>
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313,722

1: IT Manager Support
($12,500)

Person Responsible: ITM Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 11/30/13
Expected Source of Funds: Tech Plan
- Brief narrative/explanation:
  - Repair of all campus computer workstations, networked printers, VCR/dvd combo, keyboards, mice, external storage, projectors, and scanners.
  - Replacement of all projector bulbs and a surplus so bulbs can be replaced immediately.
  - Replacement of printer cartridges for faculty and adjunct networked printers at all three sites.
  - Replace color cartridges for plotter
  - This budget will specifically cover repair for the computers that are currently cycling out of warranty
  - Miscellaneous Network installs

2- LAB SUPPORT
$82,062
Campus Lab Support 2012-13

<table>
<thead>
<tr>
<th>Campus Lab Support 2012-13</th>
</tr>
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<td></td>
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<thead>
<tr>
<th>Location</th>
<th>Availability</th>
<th>Quantity</th>
<th>Hourly Rate</th>
<th>Total Cost</th>
<th>Full Time Hours</th>
<th>Person Responsible</th>
<th>Planned Implementation Date</th>
<th>Expected Source of Funds</th>
<th>Brief Narrative/Explanation</th>
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<tbody>
<tr>
<td>PC Lab</td>
<td>Nights and Weekends</td>
<td>34</td>
<td>$17.00</td>
<td>578.00</td>
<td>23,120</td>
<td>Mon – Thur 4:30-10pm, Sat 8-4pm, Sun 1-4pm</td>
<td>Provost &amp; Randy Fournier</td>
<td>Tech Plan</td>
<td>Purchase of 1 technology desks from Computer Comforts and then have contractor come in to install Extron equipment for Digital room.</td>
</tr>
<tr>
<td>Mac Lab</td>
<td>Weekends</td>
<td>18</td>
<td>$18.00</td>
<td>324</td>
<td>12960</td>
<td>Sat &amp; Sun 10a.m.-2pm</td>
<td>Provost &amp; Randy Fournier</td>
<td>Tech Plan</td>
<td>Purchase of 1 technology desk from Computer Comforts and then have contractor come in to install Extron equipment.</td>
</tr>
<tr>
<td>Reston Center</td>
<td>Nights, Early Morning and Weekends</td>
<td>24.5</td>
<td>$16.66</td>
<td>408.17</td>
<td>16,327</td>
<td>R1 –M – Th 5-10, R2 –Wed 5-10pm, Fri 5-9pm, Sat 9-3pm</td>
<td>Provost &amp; Randy Fournier</td>
<td>Tech Plan</td>
<td>Purchase of 1 technology desk from Computer Comforts and then have contractor come in to install Extron equipment.</td>
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<tr>
<td>IT support</td>
<td>Weekday only</td>
<td>24.5</td>
<td>$16.66</td>
<td>408.17</td>
<td>16,327</td>
<td>Mon-Thur 9-2pm</td>
<td>Provost &amp; Randy Fournier</td>
<td>Tech Plan</td>
<td>Purchase of 1 technology desk from Computer Comforts and then have contractor come in to install Extron equipment.</td>
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<tr>
<td>Signal Hill</td>
<td>Nights and Weekends</td>
<td>20</td>
<td>$16.66</td>
<td>333.2</td>
<td>13,328</td>
<td></td>
<td>Provost &amp; Randy Fournier</td>
<td>Tech Plan</td>
<td>Purchase of 1 technology desk from Computer Comforts and then have contractor come in to install Extron equipment.</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td>82,062</td>
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</table>

3 LR 138 ($15,000)
Person Responsible: ITM Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13 (Order desks –takes 6 – 8 weeks)
Planned Completion date: 11/30/13
Expected Source of Funds: Tech Plan
Brief narrative/explanation: Purchase of 1 technology desks from Computer Comforts and then have contractor come in to install Extron equipment for Digital room.

4 Upgrade SH311 (Old Dominion old classroom) ($12,000)
Person Responsible: ITM Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13 (Order desks –takes 6 – 8 weeks)
Planned Completion date: 11/30/13
Expected Source of Funds: Tech Plan
Brief narrative/explanation: Purchase of 1 technology desk from Computer Comforts and then have contractor come in to install Extron equipment.

5 Upgrade 4 classrooms to digital ($16,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 7/31/13
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description; ( AV vendor to upgrade analog equipment to digital)

6 Panasonic PT-rw330u ($10,500)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 11/30/13
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description: new SOLID SHINE™ Series projectors that all use a newly developed LED/Laser-combined light source, no lamps or filters. Replacements for Sanyo at Reston.

7 Classroom / theater projector bulbs ($15,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 5/1/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description: Replacement bulbs for all three campus projectors and theater high end projector.

8 SchoolVue licenses ($5,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 8/30/13
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description: Annual fee for all three campuses licenses.

9 Lecture Capture equipment ($4,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 2/1/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description: Increase the number of classrooms with lecture capture installed.

10 Brightlight 450wi interactive for SH ($8,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 12/2/13
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description: Upgrade projectors in Signal Hill to digital and maintain interactive displays.

11 Upgrade 5 Science labs ($60,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 3/3/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description; Upgrade Science labs to digital, add projectors & Podiums and rewire.

12 Upgrade SH Mac lab ($25,000)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 3/3/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description: Signal Hill Mac lab needs replacement since these are old swaps from Loudoun Mac labs.

13 Upgrade add/replacement IPADs for cart ($10,500)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 3/3/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description; Need to replace damaged IPADs from cart and add to each cart to bring to maximum 32 per cart..

14 External Webcam ($2,500)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 3/3/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description; Install webcam on Reynolds or Weddell to monitor the construction of HEC.

15 Computers expansion testing center ($15,600)
Person Responsible: Kevin Kelley & Randy Fournier
Planned implementation date: 7/1/13
Planned Completion date: 3/3/14
Expected Source of Funds: Tech Plan
Brief narrative/explanation/description; Plans to expand testing center and will need 18 more computers.
## 2013-14 Campus Technology Plan

**Manassas Campus**

*(Revised 11/1/13)*

<table>
<thead>
<tr>
<th>Project/Activity</th>
<th>Estimated Amount</th>
<th>Start Date</th>
<th>Completion Date</th>
<th>Beginning Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 IT Manager Support</td>
<td>$15,000</td>
<td>7/1/2013</td>
<td>3/15/2014</td>
<td>$120,000</td>
</tr>
<tr>
<td>2 Lab Support</td>
<td>$43,000</td>
<td>7/1/2013</td>
<td>6/15/2014</td>
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<tr>
<td>3 Cabling</td>
<td>$7,777</td>
<td>7/1/2013</td>
<td>3/30/2014</td>
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<tr>
<td>4 Classroom Upgrade MC 129A</td>
<td>$8,250.03</td>
<td>7/1/2013</td>
<td>12/23/2013</td>
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<tr>
<td>5 Classroom Upgrade MH 220</td>
<td>$8,250.03</td>
<td>7/1/2013</td>
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<tr>
<td>6 Lecture Hall –MH 216</td>
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<td>11/15/2013</td>
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<tr>
<td>7 Bar Code Scanners-Library</td>
<td>$934.51</td>
<td>7/1/2013</td>
<td>11/15/13</td>
<td></td>
</tr>
<tr>
<td>8 Faculty Resource Center</td>
<td>$10,362.58</td>
<td>11/15/13</td>
<td>12/23/2013</td>
<td></td>
</tr>
<tr>
<td>9 Library Conference Room</td>
<td>$6,888.08</td>
<td>11/15/13</td>
<td>12/23/2013</td>
<td></td>
</tr>
<tr>
<td>10 Classroom Upgrade MC 239</td>
<td>$7,620.93</td>
<td>7/1/2013</td>
<td>12/23/2013</td>
<td></td>
</tr>
<tr>
<td>11 Provost Suite Upgrade</td>
<td>$2,930.31</td>
<td>11/15/13</td>
<td>11/15/13</td>
<td></td>
</tr>
</tbody>
</table>

**College Tech Plan Allocation** $120,000

### NARRATIVE

*Provide brief narrative for each item beginning with Lab Support. Be sure it includes the information specified below as indicated. Implementation dates and completion should be realistic and not just July 1-June 30 unless it is meant for continuous funding like Lab Support.]*

1. **IT Manager Support** $15,000
   
   Person Responsible: Lynn Bowers

2. **LAB SUPPORT** $43,000
Person Responsible: Lynn Bowers  
Planned Completion date: 6/15/2014

3. Cabling  $10,000
Person Responsible: Lynn Bowers
Planned Completion date: 3/30/2014
Expected Source of Funds: College Technology Plan
Several classrooms and offices have old and failing data cables. Other classrooms need to have the data cables moved to accommodate the re-configuration of the classrooms. Some classrooms need to have additional data and power cables installed or upgraded.

4. Classroom Upgrade MC 129A $8,250.03
Person Responsible: Lynn Bowers
Planned implementation date: 7/1/2013
Planned Completion date: 12/23/13
Expected Source of Funds: College Technology Plan
Instructional delivery will be enhanced and students will benefit from leading edge technology in the classrooms.

5. Classroom Upgrade MH 220 $8,250.03
Person Responsible: Lynn Bowers
Planned implementation date: 7/1/2013
Planned Completion date: 12/23/13
Expected Source of Funds: College Technology Plan
Instructional delivery will be enhanced and students will benefit from leading edge technology in the classrooms.

Person Responsible: Lynn Bowers
Planned implementation date: 7/1/2013
Planned Completion date: 11/15/13
Expected Source of Funds: College Technology Plan
Instructional delivery will be enhanced and students will benefit from leading edge technology in the classrooms.

7. Bar Code Scanners- Library $934.51
Person Responsible: Lynn Bowers
Planned implementation date: 7/1/2013
Planned Completion date: 11/15/13
Expected Source of Funds: College Technology Plan
Bar code scanners are needed to support the increased library front desk efficiency.

8. Faculty Resource Center MH 319 $10,362.58
Person Responsible: Lynn Bowers
Planned implementation date: 11/15/13
Planned Completion date: 12/23/13
Expected Source of Funds: College Technology Plan
The Faculty Resource Center will be outfitted with technology that will allow faculty and opportunity to stay abreast of new technology that will aid in their delivery of instruction. TAC will use the room to provide one-on-one and small group training.

9. Library Conference Room $6,888.08
Person Responsible: Lynn Bowers
Planned implementation date: 11/15/13
Planned Completion date: 12/23/13
Expected Source of Funds: College Technology Plan
Instructional delivery will be enhanced and students will benefit from leading edge technology in the classrooms.

10. Classroom Upgrade MC 239 $7,620.93
Person Responsible: Lynn Bowers
Planned implementation date: 7/1/2013
Planned Completion date: 12/23/13
Expected Source of Funds: College Technology Plan
Instructional delivery will be enhanced and students will benefit from leading edge technology in the classrooms.

11. Provost Suite upgrade $ 2,930.31
Person Responsible: Lynn Bowers
Planned implementation date: 8/15/13
Planned Completion date: 12/23/13
Expected Source of Funds: College Technology Plan
The Provost suite will be upgraded with state of the art technology.

2013-14 Campus Technology Plan
Medical Education Campus

<table>
<thead>
<tr>
<th>Project/Activity</th>
<th>Amount</th>
<th>Start Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 IT Manager Support</td>
<td>10000</td>
<td>7/1/12</td>
<td>6/30/13</td>
</tr>
<tr>
<td>2 Lab Support</td>
<td>20000</td>
<td>7/1/12</td>
<td>6/30/13</td>
</tr>
<tr>
<td>3 Upgrade 33 classes to include digital presentation, projector doc cam</td>
<td>379500</td>
<td>9/1/12</td>
<td>9/30/12</td>
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<tr>
<td>4 Computer upgrades</td>
<td>12000</td>
<td>9/1/12</td>
<td>9/30/12</td>
</tr>
<tr>
<td>5 IPad Learning Lab 30 Ipads</td>
<td>44000</td>
<td>10/1/12</td>
<td>10/30/12</td>
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<tr>
<td>6 Flat Panels for Student services</td>
<td>7000</td>
<td>10/1/12</td>
<td>12/30/12</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
<td>Cost</td>
<td>Start Date</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------------------------------------</td>
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<tr>
<td>7</td>
<td>Cabling needs wireless upgrades</td>
<td>12000</td>
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<tr>
<td>8</td>
<td>iPads tutoring</td>
<td>2400</td>
<td>1/1/13</td>
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<tr>
<td>9</td>
<td>Backup Solution</td>
<td>32000</td>
<td>1/1/13</td>
</tr>
<tr>
<td>10</td>
<td>Med Lab digital Microscope presentation system</td>
<td>11500</td>
<td>1/1/13</td>
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<tr>
<td>11</td>
<td>Sonography video display system upgrade from analog S video.</td>
<td>42000</td>
<td>12/1/12</td>
</tr>
<tr>
<td>12</td>
<td>SMART board for Tutoring</td>
<td>2500</td>
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</tr>
<tr>
<td>13</td>
<td>Cadaver lab upgrade</td>
<td>43500</td>
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<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>618400</strong></td>
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</tbody>
</table>

(Item 1 IT Manager Support) $ (10,000)
Person Responsible: Wayne Ledford
Planned implementation date: 7/1/13
Planned Completion date: 6/30/14
Expected Source of Funds: College Tech Plan
Provide funding for various maintenance items like bulbs, misc. wiring, cables, headphones etc.

Item 2 Lab Support $20,000
Person Responsible: Wayne Ledford/Ruth Stanton
Planned implementation date: 7/1/13
Planned Completion date: 6/30/14
Expected Source of Funds: College Tech Plan
Provide weekend support for Lab

(Item 3 Upgrade 33 classrooms) $ 379,500
Person Responsible: Lyle Fanelli
Planned implementation date: 9/1/13
Expected Source of Funds: College Tech Plan
Planned Completion date: 9/30/13
Provide upgrade classrooms to include control, cabling transition to digital from analog, document cameras and projectors

ITEM 4 Computer Upgrades $12000
Person Responsible: Wayne Ledford
Planned implementation date: 9/1/13
Expected Source of Funds: College Tech Plan
Planned Completion date: 9/30/13
Provide funds to replace computers in excess of those replaced by the central allotment. Specifically, the two smaller computer classrooms built out by the campus will likely exceed the number of central funded computer replacements by a few machines.

ITEM 5 IPAD LEARNING LAB $44000.00
Person Responsible: Wayne Ledford  
Planned implementation date: 10/1/13  
Planned Completion date: 10/30/14  
Expected Source of Funds: College Tech Plan  
Provide funding for a two additional iPad Lab for the MEC to be used by students in the classroom. Faculty can check out the cart for use with students in the classroom only. Allied Health has begun collecting a series of apps to be used with the iPad carts as part of the program. 3 faculty members from Allied health volunteered to work with IT to develop an academic program for iPads. Strong desire to use portable electronic testing with iPads to reduce demand on our computer classrooms.

ITEM 6 Flat Panels Student Services $7000.00

Person Responsible: Wayne Ledford/Beatrice Veney  
Planned implementation date: 10/1/13  
Planned Completion date: 10/30/14  
Expected Source of Funds: College Tech Plan  
Provide funding for additional flat panels for student services. The desire is to use the flat panels with the queue application developed by Project Management in Smartertrak.

ITEM 7 Cabling Needs Wireless Upgrades $12,000.00

Person Responsible: Wayne Ledford  
Planned implementation date: 10/1/13  
Planned Completion date: 10/30/14  
Expected Source of Funds: College Tech Plan  
Provide funding for the infrastructure build out for additional wireless and wired drop capacity as needed. This is strong student sentiment wireless is insufficient in some locations on campus.

ITEM 8 iPads Tutoring $2400.00

Person Responsible: Lyle Fanelli/Kathleen Odige  
Planned implementation date: 10/1/13  
Planned Completion date: 10/30/14  
Expected Source of Funds: College Tech Plan  
Provide funding for purchase of iPads for use with students in the tutoring centers.

ITEM 9 Backup Solution $32,000

Person Responsible: Wayne Ledford  
Planned implementation date: 7/1/13  
Planned Completion date: 7/14/13  
Expected Source of Funds: College Tech Plan
Provide funding to replace the degraded back-up solution responsible for supporting patient data in the dental clinic. The funds will provide, updated software, new server, new RAID, and new tape device.

ITEM 10 Med Lab digital Microscope presentation system  $11,500

Person Responsible: Lyle Fanelli/ Med Lab staff
Planned implementation date: 1/1/14
Planned Completion date: 3/30/14
Expected Source of Funds: College Tech Plan
Funds will provide a large scale presentation system capable of receiving input from the digital microscope in med lab. Currently, the microscope is connected to a digital monitor.

ITEM 11 Sonography video display system upgrade  $42000

Person Responsible: Lyle Fanelli/ Sonography Faculty
Planned implementation date: 12/1/13
Expected Source of Funds: Tech Plan
Planned Completion date: 12/14/13
Provide funds for upgrading the video display used by the Sonography students to view the sonograph displays. Currently there are 4 flat planel displays running on S video and mechanical switch boxes. The sonography machines are capable of dvi output, so displays and cabling can be upgraded to digital.

ITEM 12 Provide replacement SMART board for tutoring  $2500

Person Responsible: Lyle Fanelli/ Kathleen Odige
Planned implementation date: 12/1/13
Planned Completion date: 12/30/13
Expected Source of Funds: College Tech Plan
Provide funds to replace the 5 year old 4:3 ratio SMART board with a wide aspect device in the student tutoring Center.

ITEM 13 UPGRADE VTC system and display system in the cadaver lab  $43500

Person Responsible: Wayne Ledford/Lyle Fanelli
Planned implementation date: 12/1/13
Planned Completion date: 12/30/13
Expected Source of Funds: College Tech Plan
The cadaver lab VTC system requires upgrade to a system compatible with the rest of the NVCC system. Also, the presentation/student viewing system in the lab is original to the building and requires upgrade.
## 2013-2014 Campus Technology Plan

### Woodbridge Campus

<table>
<thead>
<tr>
<th>Project/Activity</th>
<th>Amount</th>
<th>Start Date</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT Manager Support</td>
<td>30,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Lab Support (OCL &amp; Digital Media Lab)</td>
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<tr>
<td>Wireless Remotes</td>
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<td>6/30/14</td>
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<tr>
<td>Recurring Licenses &amp; Maintenance</td>
<td>15,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Mobile Device Training</td>
<td>11,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Hot Swap Emergency Cart</td>
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<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Phase III Carryover Expenses</td>
<td>100,000</td>
<td>7/1/13</td>
<td>8/31/13</td>
</tr>
<tr>
<td>Computer Lab Printer Refresh</td>
<td>8,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Arts 3-D Technology</td>
<td>10,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Arts Lab Drawing Tablets</td>
<td>7,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Film/Video Program Lighting Equipment</td>
<td>15,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Film/Video Program Audio Equipment</td>
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<td>7/1/13</td>
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<tr>
<td>Film/Video Program Lens Equipment</td>
<td>6,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Film/Video Cinema Camera and Accessories</td>
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<td>7/1/13</td>
<td>6/30/14</td>
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<tr>
<td>Testing Center Surveillance Cameras</td>
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<td>7/1/13</td>
<td>6/30/14</td>
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<td>Geology Lab Microscopes</td>
<td>30,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Vernier LabQuest 2</td>
<td>10,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Cisco Lab Equipment</td>
<td>30,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
<tr>
<td>Library Mobile Computing for Student Checkout</td>
<td>12,000</td>
<td>7/1/13</td>
<td>6/30/14</td>
</tr>
</tbody>
</table>
(IT Manager Support) $ (30,000)
Person Responsible: IT Manager and Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Funds will provide support for various small purchase items like bulbs, various network materials etc.

Open Computer LAB SUPPORT $ (27,000)
Open Computer Lab IT Specialist of staff paid from the amount shown.
Location of Lab - 336
Days/Time covered by the staff paid from the amount shown: M-T, 5-9pm; F, 1-5pm; S, 9am – 3pm

Digital Media LAB SUPPORT $ (29,000)
Open Computer Lab IT Specialist of staff paid from the amount shown.
Location of Lab - 433
Days/Time covered by the staff paid from the amount shown: M-T, 4-9pm; F, 1-5pm; S, 9am – 3pm

(Wireless Remotes for Classrooms) $ (30,000)
Person Responsible: IT Manager, Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
These remotes will make it easier for faculty to walk around the room as they teach. This purchase will finish all classrooms on campus, including the new Phase III building.

(Recurring Licenses & Maintenance) $ (15,000)
Person Responsible: IT Manger, Rachel Overbey
Planned implementation date: As soon as funds are received
Expected Source of Funds: Tech plan
Planned Completion date: June 30, 2014
This is software that the campus is using in the divisions and has recurring costs for the campus that must be maintained.

(Apple Mobile Devices) $ (11,000)
Person Responsible: IT Manger, Bo Yang
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
iPads and Apple TV to accommodate increase in instructors asking to be able to learn and use an iPad in the classrooms and labs.

(Hot Swap Computer Cart) \( \$ (4,000) \)
Person Responsible: IT Manager, Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014

(Phase III Carryover Expenses) \( \$ (100,000) \)
Person Responsible: IT Manager, Mike Eaton, Maxine Toliver
Planned implementation date: Upon arrival or soon after completion of building
Expected Source of Funds: Tech Plan
Planned Completion date: August 2013
These funds will be used to cover technology costs that could not be covered through the buildings FF&E budget due to unexpected costs that arose during construction. Details cannot be provided at this time as there are construction costs that may need to be covered by FF&E that will push IT items that were in the 2012 – 2013 plan into the 2013 – 2014 tech plan.

(Computer Lab Printer Refresh) \( \$ (8,000) \)
Person Responsible: IT Manager, Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: December 31, 2013
Student computer lab printers that are out of warranty will be replaced.

(Arts 3-D Technology) \( \$ (10,000) \)
Person Responsible: IT Manager, David Epstein, Fred Markham
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Brief Narrative: In the past, Inkjet and Laser printers were the standard in art and design output technology. Today’s art and design students need to create and print in both 2 and 3 dimensions, requiring transitioning to 3-D printing technology. Transfer schools, such as George Mason University, VCU, and art schools such as MICA, all use state-of-the-industry 3-D printing technologies in their coursework.

(Arts Lab Drawing Tablets) \( \$ (7,000) \)
Person Responsible: IT Manager, David Epstein, Fred Markham
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Add onto lab iMacs that will enhance digital art-making capabilities that will equip students with the relevant technical and artistic skills sought by employers and transfer institutions.

(Film/Video Program Lighting Equipment) $ (15,000)
Person Responsible: IT Manager, Chris Stallings
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Equipment would allow the campus to offer two more classes: PHT 221 & 222 (studio lighting I & II) and allow our students to use industry standard equipment that professionals use.

(Film/Video Program Audio Equipment) $ (1,500)
Person Responsible: IT Manager, Chris Stallings
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Allow our students to use industry standard equipment that professional’s use that offers more dynamic ranges of audio rather than equipment internal audio sources.

(Film/Video Program Lens Equipment) $ (6,000)
Person Responsible: IT Manager, Chris Stallings
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Lens pack would add onto current equipment and offer professional lenses to mount to the cameras and give manual control over the image quality at different focal lengths to meet various filming needs. Current lenses are “Stock” that came with current equipment.

(Film/Video Cinema Camera and Accessories) $ (30,000)
Person Responsible: IT Manager, Chris Stallings
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Cinema camera that can shoot RAW video footage will be important in training our students to be cinematographers. These are the level of camera found at quality film programs across the nation and will be an important tool needed to offer a new cinematography course in PHT 140/PHT 274

(Technical Center Surveillance Cameras) $ (8,000 - Awaiting Allen)
Person Responsible: IT Manager, Rolando Garcia, Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Provide testing surveillance in student testing center as part of a college wide implementation.

(Geology Lab Microscopes) $ (30,000)
Person Responsible: IT Manager, Alison Thimblin
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Instructor’s microscope used for teaching geology and interfaces with digital cameras and PCs.

(Vernier LabQuest 2) $ (10,000)
Person Responsible: IT Manager, Alison Thimblin
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Standalone interface used to collect sensor data with its built-in graphing and analysis application. The large, high-resolution touch screen makes it easy and intuitive to collect, analyze, and share data from experiments. Its wireless connectivity encourages collaboration and personalized learning.

(Cisco Lab Equipment) $ (30,000)
Person Responsible: IT Manager, Lori Krist, Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Purchase new and updated equipment (switches, routers, network cards etc.) for teaching Cisco curriculum. Lab currently uses older equipment.

(Library Mobile Computing for Student Checkout) $ (12,000)
Person Responsible: IT Manager, Rolando Garcia, Mike Eaton
Planned implementation date: Upon arrival or soon after
Expected Source of Funds: Tech Plan
Planned Completion date: June 30, 2014
Add additional laptops and iPad for student check-out through the Library

TOTAL TECH PLAN: $413,500.00