2008- 2009

STUDENT TECHNOLOGY PLAN SUGGESTIONS – SPRING 2008

STUDENT TECHNOLOGY PLAN SUGGESTIONS – SPRING 2007

2008-09 CAMPUS TECHNOLOGY PLANS
Responses from Students for Input on the 2008-09 Technology Plan
(Note: All received a copy of the 2007-08 list from students)

Expand wireless ****

Allow VCCS student email to use other clients **
Make wireless more Apple friendly **
Wait to implement 8.011N until it is adopted **
Don’t require student to change their passwords **
Priority system in labs to insure those working on classwork can get access **
Speed up login to NVSTU domain **
Continue to work on last year’s list **

Keep online class motivated
Don’t use same online class for two separate courses
Don’t use paper exams for online courses
Review online links and information in course materials before every semester
Allow email alias for student logins
Make sure all online courses use BB—especially vet tech
Use fiber channel switches
Provide remote monitoring for all systems to get notice of problems early
Make sure every section has its own BB site rather than sharing them
Manage classroom PCs through VMware to be more efficient
Allow more time before VCCS systems logoff automatically
Use Group Policies to install software automatically when machines are replaced
Use WSUS to automatically handle updates and patches
Make ITE classes more Apple friendly—everyone is not using VISTA
Allow writing center appointments to be made online
Encourage use of collaboration tools like MS Groove
Implement enhanced tools of MSLive@edu
New website requires too many clicks
Touchscreens in classrooms where drawing on whiteboards is required
Discussion board on NOVA website so letters do not have to be written
Section in BB to allow complaints against faculty to be filed
Profile page to allow eli students to post photo and short bio
Continue to replace older PCs
Provide some computers that are only available for course work so those just using the internet cannot use them
Provide time limit to automatically logout users on NVSTU that forget
Use roaming profiles
Make ELI totally paperless
Have ELI instructors hold an online chat session once a week
Make sure new website is ADA compliant
Allow students to opt out of email distribution lists
Make sure all required videos are available through video streaming on the web
Provide wireless support for linux users
Require all faculty to use Blackboard and use it for posting grades online
Require faculty to take professional development courses on using new technology like Blackboard
Make the website Mac and Firefox friendly
Put a link on the online Schedule of Classes directly to “Register” for that class
Make more ELI videos available online
Promote free office productivity software instead of MS Office
2007 STUDENT TECHNOLOGY REQUESTS

Increase file storage space on Blackboard and Student Email
Use email that works with more modern interfaces like Outlook and Thunderbird
Have one login ID for all systems
Make it easier to logon to wireless
Increase areas where wireless is available
Upgrade wireless to new 802.11N standard
Improve the Website so security certificates are up to date
Make sure all websites work with Vista, IE 6, IE 7, and all current browsers
Put more information about Wikis on website
Add more current events information to campus websites
Send out announcements about events farther in advance
Redesign the Web site and keep it up to date
Make more campus course videos available by video streaming over the Web
Convert all course audio tapes to CDs
Upgrade class PCs so they have enough RAM for the course
Upgrade to flat panels for students so they do not block view of the instructor
Improve ergonomics for student and office computer workstations
Differentiate computers for those working on courses from those just surfing the web
Allow students to connect to CENTRA from on campus
Provide support for students who want to work on group projects online
Provide faculty with more training on how to use their email
Use more kiosks and thin clients for registration, testing, and other similar tasks
Make it possible to use campus cards to pay for meals and other purchases
Make NovaConnect more user friendly
Make ELI totally paperless
Get all ELI courses on Blackboard
Make sure all SSNs are removed from our systems
Allow students to opt off distribution lists
Provide discounts on Apple computers for students
2008-2009 Alexandria Campus Technology Plan

Campus: Alexandria

Name of Campus Technology Plan Contact: David Williams

Plan Format: (complete the following for each technology related project/activity).

Project or Activity: Classroom of the Future (COF expenditures)

Brief Description: Since there are limited funds for renovation of Phase I, COF funds will be used to purchase technology equipment in nine classrooms that are created from renovated science labs. The cost per classroom is $16,000 or $144,000. Replacement LCD lamps will be purchased for units where economically feasible. The cost of ten lamps is $3,000. Additional LCD projectors will be procured as rolling stock or spares. The cost of six projectors is $5,400. The instructor workstation in the Reading Lab will be upgraded to enhance lab use. The cost of the upgrade is $4,000. Wall plates and equipment in Phase I and II classrooms will be upgraded in select COF rooms as reviewed and approved by the Provost Staff. The cost for replacement equipment and wall plate upgrade is $23,600.

Expected Outcomes: The annual survey of IS&D users will reflect satisfaction with COF equipment and services. The expenditure of these funds will enhance the reliability of COF operation and minimize service calls for technical problems.

Amount $180,000

Person Responsible for managing the project/budget: David Lavis

Project or Activity: Webmaster Support

Brief Description: This category funding supports software and computer peripherals purchases and professional development for the campus webmaster. The webmaster has no established M&O funding source.

Expected Outcomes: The expenditure of these funds will enhance the professionalism and comprehensiveness of the newly revised Alexandria Campus webpages and facilitate technology training of the campus web committee. The webmaster meets routinely with the Provost Staff and receives feedback regarding web services.

Amount $2,000

Person Responsible for managing the project/budget: Art Lin

Project or Activity: Unit/division web support

Brief Description: Designated individuals from the four instructional divisions, Student Development, CEWD and the Arlington Center will be paid an annual stipend of $600 each to maintain the currency of their respective division and unit web pages. These individuals serve on the campus web committee and will meet routinely with the campus webmaster to review their respective pages and plan and effect redesign in faculty webpages in accordance with the college wide

Expected Outcomes: Members will participate in webpage development
workshops and assist their respective faculty and staff members in updating and revising their web pages. Dave Williams will attend the web committee meetings held a minimum of once a semester. He will produce minutes from these meetings.

Amount: $4,200

Person Responsible for managing the project/budget: David Williams

Project or Activity: IT Manager (ITM) Support

Brief Description: This category funding supports purchases by the IT Manager for items such as hardware, software such as Softlink, spare parts, network support peripherals, additional RAM for lab computers or computer replacement parts. The ITM has no established M&O funding source.

Expected Outcomes: The annual LRS customer satisfaction survey will reflect positive results regarding campus IT services provided.

Amount: $9,000

Person responsible for managing: David Babel

Project or Activity: Network cabling

Brief description: Network drops are replaced or added in campus office, labs, classroom, and public areas as authorized by the Provost Staff. Cost per LAN drop is estimated as $125 to $150 based upon location and established needs. Funds will need to be increased due to renovation of Phase I science labs and the construction of classrooms in this area. Other cabling needs may arise with the occupation of Phase III.

Expected Outcomes: The LRS customer service satisfaction survey will reflect positive results.

Total Cost: $11,000

Person responsible for managing: David Babel

Project or Activity: Campus Lab Support

Brief description:

Funding supports a .8 P-14 IT Specialist I (AA343) who provides campus network support and IT services Monday – Friday 8:00AM-2:30PM. This will ensure adequate IT support to the campus computer lab facilities given the expansion of campus IT responsibilities. This individual will be on call other times on evenings and weekends. Dave Babel monitors the expenditure of the designated funds. $24,676 ($17.14 per hour X 30 hours weekly X 48 weeks)

Funding supports a sixteen hour per week IS&D student hire (AA343) who assists faculty in the IS&D Commonwealth Classroom for Teleconferencing and Faculty Web Development Lab with multimedia projects and web design. This person also provides office coverage when full time IS&D and IT staff are out of the office assisting faculty and students in Classrooms of the Future. Dave Lavis monitors the expenditure of the designated funds. $20,160 ($14.00per hour X 30 hours weekly X 48 weeks)
Funding supports the Business Technologies division as selected students serve throughout the school year as lab instructional assistants to help support Division IT programs and activities. John Min monitors the expenditure of these funds. **$6,000.**

In the Foreign Language Center (AA162) FRE 101, 102 SPA 101, 102, 103, 104, ITA 201, Ger 201, CHI 101 and 111 will be supported by a student assistant. During the fall and spring semester the assistant will work an average of fifteen hours weekly Monday through Thursdays. The assistant will provide open lab time for students enrolled in the specific language courses. Approximately, eight to ten hours of support are also provided in the 2007 summer semester. **Sam Rosado-Rodriguez** monitors the expenditure of these designated funds. **$7,200**

Math Lab assistants will provide one-on-one mentoring for students enrolled in MTH 003 and 004 courses. During the fall and spring semesters, these student assistants will work approximately 10 hours during the week. Additionally the student assistants will provide open lab assistance to all students enrolled in MTH classes on Saturdays and Sundays form 11:00 AM – 4:00 PM during the fall, spring, and summer sessions. **Trudy Streilein** monitors the expenditure of these designated funds. **$7,000**

In the Communication Design Labs (AT119 and AT 140) student assistants will be employed to provide lab supervision and open lab time. The individuals will provide sixteen hours of open lab time on Mondays 2:00-6:00PM, and Wednesday 2:00-7:30PM, and Thursday 4:00-7:30PM during the fall and spring semester. **Judith Keats** monitors the expenditure of these funds. **$6,500**

**Expected Outcomes:** The individuals assigned to each division lab above enforce lab policies, perform troubleshooting to computers, assist students, and maintain lab security. The divisions and units will provide supervision and receive feedback regarding the work performance of these lab assistants.

**Person responsible for managing the budget:** See above listing of supervisors.

**Amount:** **$71,536**

**Total Alexandria Campus 2008-2009 request:** $277,736 (including the cost of nine COF rooms due to the renovation of science labs in Phase I.)

4/14/08
2008-09 Annandale Campus Technology Plan
Technology Plan Contact: Gustafson/Ghofrany

Project or Activity: **Academic Support**

<table>
<thead>
<tr>
<th></th>
<th>Project Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CT 216 Add networking</td>
<td>9000</td>
</tr>
<tr>
<td>2</td>
<td>MAC laptop</td>
<td>3000</td>
</tr>
<tr>
<td>3</td>
<td>Teaching/Learning instructional resources</td>
<td>5000</td>
</tr>
<tr>
<td>4</td>
<td>Plasma or LCD panels for computer classroom</td>
<td>6000</td>
</tr>
<tr>
<td>5</td>
<td>Smartboards</td>
<td>7500</td>
</tr>
<tr>
<td>6</td>
<td>TLTR cohort (to include training/conferences for faculty members)</td>
<td>8000</td>
</tr>
<tr>
<td>7</td>
<td>CS building (estimate)</td>
<td>50,000</td>
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<td><strong>88,500</strong></td>
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</tbody>
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**Brief Description:**

1. Enable this PC classroom to access internet for course related activities
2. Enable computer staff to assist students using wireless MAC; and to enable IT/LRS staff to work with students incorporating media into class projects
3. Pilot use of instructional tools advocated by CETL team and based on best practices in higher education (clickers/ on-line quizzes, etc.)
4. CT computer classrooms have low ceiling and odd room designs; students cannot see projections with current configuration; plans will be drawn to identify better seating and viewing; new screens will meet the needs of the hard to arrange rooms; minimum of 3 classrooms to receive new screens.
5. Faculty have asked for Smartboards; minimum of 5 boards will be installed in rooms utilized by these faculty
6. Pilot TLTR cohort where faculty can examine new instructional resources attends training/conferences in support use of new technologies.
7. CS building – 1st Floor - campus is determining what funding sources are available for this project: $80,000 estimate for cabling; $140,000 for classroom equipment; [ETF and Technology Plan funds supported part of 2nd floor costs] – total est $220,000

**Expected Outcomes (not just what you plan to purchase or pay for)**

Campus will enrich the learning experiences of students and enhance student success. Students will be exposed to new teaching/learning modalities, many of which they will need for senior level college experiences.

Amount: $88,500

Person Responsible for managing the project/budget: Gustafson/Ghofrany

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Project or Activity: **Equipment Replacement**

<table>
<thead>
<tr>
<th></th>
<th>Project Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>1</td>
<td>Digital presenters (minimum of 12)</td>
<td>30,000</td>
</tr>
<tr>
<td>2</td>
<td>Creston units (minimum of 12)</td>
<td>30,000</td>
</tr>
<tr>
<td>3</td>
<td>Shredder for IT (security items/dvd, etc.)</td>
<td>400</td>
</tr>
<tr>
<td>4</td>
<td>Scanners</td>
<td>2,400</td>
</tr>
<tr>
<td>5</td>
<td>Rewire library</td>
<td>10,000</td>
</tr>
<tr>
<td>6</td>
<td>Redo CG 4th floor com room</td>
<td>5,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>77,800</strong></td>
</tr>
</tbody>
</table>

**Brief Description:**

1. Needed for classrooms
2 Needed for classrooms
3 Needed to meet IT security requirements
4 Replace 8 yr old scanners heavily used in Computer Center and computer classrooms
5-6 IT staff have advised us that this may be the only way to solve technical problems; other approaches have not solved the current networking problems.

Expected Outcomes (not just what you plan to purchase or pay for)
AN Campus continues to update/upgrade classrooms. While every classroom has the basic equipment, more than 50 classrooms need replacement equipment: carts, presenters, Crestron units, cabling. Library needs wiring redone.

Amount: $77,800

Person Responsible for managing the project/budget: Gustafson/Ghofrany

**Project or Activity: Initiatives**

1. Softlink or Visions (instructor classroom control software) 600
   Use in one computer classroom; use in more classrooms if funds available
2. Techsmith Camtasia Studio/ Snagit bundle -and/or-
   Adobe Captivate 3871 4370
3. Dell Ultrasharp 1908 WFP 19” Flat panel 478
4. Flat Screen to market unit information, courses, workshops, etc. to students 6000
   (Computer Center, Fac/Staff Resource Center/Library)
5. MP3 players for use with e-Books 120
6. High definition digital recorder to create podcasts 500
7. *Second Life* (pilot) 10,000 25,939

Brief Description:
1-2. Instructors have asked for PC classroom management software (currently used in library classroom). FSRC will offer courses in instructional software packages noted above.
3-6 Library will continue to offer access to new online resources and will enhance the media center course assistance with tools noted above.
7. *Second Life* pilot would be Lead Project in moving the campus to Web 2.0. Other Web 2.0 activities would be in alignment with CETL goals would include greater use of blogs and wikis in instruction.

Expected Outcomes (not just what you plan to purchase or pay for)
Faculty will assess value of classroom management software. If found to be effective in enhancing instruction, then more classrooms will be configured with future purchases.
Faculty will learn and use instructional software in course design and incorporate some aspects in student projects/assignments.

Amount: $25,939

Person Responsible for managing the project/budget: Gustafson/Ghofrany

**Project or Activity: Campus/Unit Support**

1. Computer Center 30 hrs per wk/48 wks/$15 per hr (2 positions) 21,600
2. IT 20 hrs per wk/48 wks/$15 per hr 14,400
3. Library 30 hrs per wk/32 wks/$15 per hr (2 positions) 14,400
4 Pitney Bowles  Will need additional funds to manage this additional unit  11,000

Brief Description:
1-3 Computer Center and Library provide access to PC’s for academic purposes, instruction in use of software packages, access to and instruction in MS Office and specialized course related software.
4. If Cultural Center technology support moves under AN IISS unit, then more technology staff will be needed.

Expected Outcomes (not just what you plan to purchase or pay for)
For labs – specify the lab and days and hours of operation
1-3 Funds will be used to ensure current classroom configurations/equipment are operational at all times; or repaired in timely manner. Students have access to PC’s, MS Office and specialized course software Monday – Saturday.
4. Major issue – not enough information available about this proposed change and movement of technology staff/services under IISS.

Campus labs and campus IT support are operational M-Thur 8AM -9 PM; Fri 8 AM – 6 PM; Sat 8 AM – 4 PM.; Library is open M-Thur 7:45 AM-9:45 PM; Fri – 7:45-4:45; Sat 9-4. Hours of operation will continue to be reviewed to offer maximum service to users.

Amount: $50,400

Person Responsible for managing the project/budget: Gustafson/Ghofrany

<table>
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<tr>
<th>Special Technology Issues for Campus</th>
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CS building – 1st Floor - campus is determining what funding sources are available for this project: $80,000 estimate for cabling; $140,000 for classroom equipment; ETF and Technology Plan funds supported part of 2nd floor costs - $220,000

Second Life pilot would be Lead Project in moving the campus to Web 2.0. Other Web 2.0 activities would be in alignment with CETL goals, would include greater use of blogs and wikis in instruction - $10,000

TLTR cohort: in order to realize maximum potential of new instructional technology based resources, faculty must have opportunities to explore, collaborate and dialogue about implications of the tools on teaching/learning.

Total proposed technology budget: $253,639
Loudoun Campus
2008-09 Campus/Unit Technology Plan

Total Plan - $104,600

Name of Campus Technology Plan Contact: Kevin Kelley (ITM)

I. Project or Activity: BlackBoard Mentoring (Training)

Brief Description: At the present time, all full-time faculty in the Humanities Division have attended at least an introductory session in Blackboard Basics. In order for some of them to integrate Blackboard into their teaching, however, they will need to continue to add content to their Blackboard shells. Since moving to an online environment can be a bit daunting for some faculty members, we propose establishing a mentoring project that would pair novice BB users with more experienced BB users. Whenever possible, the mentor and mentee would teach in the same or very similar disciplines. In this fashion, under the tutelage of the mentor, the mentees could work on adding various BB elements to their BB shells and field-testing BB within their current face-to-face classes.

Expected Outcomes: By the end of the semester (fall?), the mentees should have fielded tested the BB Discussion Board within their current faceto-face classes. They should have added at least three discussion forums and should be adept at creating forums and responding to (and evaluating?) students' postings. In addition, the mentees should have created at least three course-specific assignments and posted these to BB. They should also have added at least three additional student resources to BB. These could include, for example, annotated links to outside websites, PowerPoint slides, PDF files, graphics, etc. Those mentees who might have been more advanced to start should also be able to add the grades for the aforementioned assignments to the BB grade book, and they could also begin working on creating assessments -- quizzes, tests, and surveys -- in BB.

Beyond the "simple" actions of completing those assignments, however, the mentees should be able to discuss how teaching in an online environment might differ from teaching in a classroom. They should also be able to discuss how BB could extend students’ learning and make students more self-directed.

Amount: $18,000

Person Responsible for managing the project/budget: Debbie Naquin & Kevin Kelley.

II Project or Activity: IT Manager (ITM) Support

Brief Description: This category funding supports purchases by the IT Manager for items such as hardware, software, spare parts, network support peripherals, or computer replacement parts. The ITM has no other established M&O funding source.

Expected Outcomes: The LRS customer satisfaction survey will reflect positive results regarding campus IT services provided.

Amount: $4,300

Person responsible for managing: Kevin Kelley

III Project or Activity: Campus Lab Support (P14)

Brief Description:
### Expected Outcomes
To insure support so campus labs are open Monday-Friday days and at least Monday-Thursday evenings and on Saturday.

**Amount:** $64,000  
**Person responsible for managing:** Kevin Kelley

### IV Project or Activity: Campus Lab Support (P14)

We have earmarked **$8,500** for campus technology repair, specifically:

- Repair of all campus computer workstations, networked printers, VCRs, projectors, and scanners.
- Replacement of all projector bulbs and a surplus so bulbs can be replaced immediately.
- Replacement of printer cartridges in the networked color laser printer, the networked SIS printer in the LR copier room, and the networked black and white laser printer on the third floor of the LR Building as well as any additional printers used by the entire campus faculty and staff.
- Purchase and repair of manual printer switch boxes and network print servers.
- Purchase of replacement surge protectors.
- Miscellaneous charges as determined by the provost staff (e.g., costs of weather station, keys for multimedia carts and hutches, etc.).

**Notes:**
1) This budget will specifically cover repair for the computers that are currently cycling out of warranty.
2) The following items will **not** be included in this budget allocation:
   - Cartridges for networked and laser printers in the computer labs, individual and unit offices, and library.
   - Cartridges for inkjet printers.
   - Upgrades to computer memory, new hard drives, any additional hardware or software, etc. for labs and/or individual faculty/staff workstations.

**Amount:** $8,500  
**Person responsible for managing:** Kevin Kelley
V  **Project or Activity:** Terminal Server Clients

**Brief Description:** Conversion of English portable computer lab to 30 terminals. Using new technology by N-computing system, this set up will allow for multiple monitor/keyboard work stations to be hooked to a single computer (see this link for a visual image of the set up http://www.ncomputing.com/ncomputing/products/type200.php The campus has already setup kiosks successfully with this technology.

**Expected Outcomes:** Cost effective, no need for HP computers, and easier IT support.

**Amount:** $9800

**Person responsible for managing:** Kevin Kelley
2008-2009 Manassas Campus Technology Plan

Project Manager; Lynn Bowers

**Laptop computers for the Library Classroom**

**Expected Outcome:**
- Provide students access to online resources and reference databases.
- The computers will aid faculty while performing library instruction classes.
- Students will access resources while performing group study activities.
- The computers will also serve to support placement testing performed at local high schools.

**Timeline for completion:** approximately 30 days after the computers arrive on campus

Expected Cost: $33,000

**Carry Cases for the laptops**

**Expected Outcome:**
- Used when transporting laptops to and from off-campus locations

**Timeline for completion:** approximately 30 days after the computers arrive on campus

Expected Cost: $1,700

**Increase wireless capability for the campus**

**Expected Outcome:**
Respond to the increase of laptops on campus by allowing students more access to resources.

**Timeline for completion:** approximately 30 days after the computers arrive on campus

Expected Cost: $25,000

**Purchase lecterns (instructor stations) 12@1200 ea**

**Expected outcome:**
- Replace old instructor stations

**Timeline for completion:** approximately 30 days after approval of the tech plan

Expected Cost: $14,800

**Cabling of the MB building - additional network drops**

**Expected Outcome:**
- Provide students access to reference databases and online resources in the automotive area.

**Timeline for completion:** approximately 60 days after approval of the tech plan

Expected Cost: $15,000

**High Volume Printers for the Library/Open Computer Lab & Testing Center**

**Expected Outcome:**
- Facilitate student printing

**Timeline for completion:** approximately 60 days after approval of the tech plan

Expected Cost: $15,000

**Printers for Computer Classrooms (6@ 1000 ea**

**Expected Outcome:**
- Replace the printers in the classrooms that are at least 4 years old.
- Provide more reliability for student printing

**Timeline for completion:** approximately 30 days after approval of the tech plan

Expected Cost: $6,000

**Cabling of the Math Lab**

**Expected Outcome:**
- Increase the network drops in the Math Lab to reduce the cables on the students work areas

**Timeline for completion:** approximately 60 days after approval of tech plan

Expected Cost: $5,000
### Touch Panel/Smart Boards

**4 @ $1,600 ea**

**Expected Outcome:**
- Upgrade the instructional delivery equipment in the classrooms

**Timeline for completion:** approximately 60 days after approval of the tech plan

**Cost:** $6,400

### Software for the Campus TAC rep

**Expected Outcome:**
- Provide the campus TAC rep with software/licenses to perform instruction

**Timeline for completion:** approximately 60 days after approval of the tech plan

**Cost:** $2,500

### Spare bulbs for projectors

**Expected Outcome:**
- Many projectors have a 2000 hour life expectancy. Spare bulbs will be installed as failures occur.

**Timeline for completion:**

**Cost:** $5,000

### Campus Lab Support (distributed as outlined below)

**Project Manager:** Lynn Bowers

**Expected Outcome:**
- To provide assistance to students, faculty & staff via P-14 support

**Total** $20,000

#### Open Computer Lab MH 211/213

- Mon – Thurs 8 am – 9:30 pm
- Fri 9 am – 5:00 pm
- Sat 9:00 am – 3:30 pm.

**Funds will be exhausted June 15th**

**Cost:** $10,000

#### Testing Center MH 112

- Mon – Thurs 8:30am – 9:00 pm
- Fri 8:30 am – 5:00 pm
- Sat 9 am – 1:00 pm

**Funds will be exhausted June 15th**

**Cost:** $10,000

**Total** $169,400
2008-09 Woodbridge Campus/Unit Technology Plan

**Campus:** Woodbridge

**Name of Campus Technology Plan Contact:** Lynn Feist

**Project or Activity:** ITM Support

**Brief Description** – These funds will be expended for hardware replacement that we do not have on hand (ex. hard drives, DVD RW drives, server hardware failures, video adaptors, printers, etc.) It will also be used for cabling, phone replacements, resource books, cable ties, Velcro, etc. (miscellaneous supplies) and a variety of items needed during the year to keep campus technology equipment running properly.

**Expected Outcomes (not just what you plan to purchase or pay for)** – The normal operation of the IT Manager’s responsibilities will be supported and maintained since these funds will be available to purchase items as needed.

For labs – (specify the lab and days and hours of operation) - These funds will be used not only for labs, but also faculty, and staff computers. Hours of operation are 8 am – 10 pm, M-F; with occasional weekend hours.

**Amount –** $4,000

**Person Responsible for managing the project/budget** – Lynn Feist

**Project or Activity:** Distribution of Tech Plan Computers

**Brief Description** – approximately 244 tech plan computers will be purchased and distributed in such a manner as to maintain the VCCS four-year replacement cycle and to remove from campus all computers deemed too old to meet VCCS standards and acceptable use for students.

**Expected Outcomes (not just what you plan to purchase or pay for)** – VCCS and NVCC computer standards will be maintained on campus.

For labs – (specify the lab and days and hours of operation) - This year 244 tech plan computers will go to:
1. 198 faculty and staff to replace the old GX 270 computers that have met the age limit requirement set by the VCCS
   a. Includes 6 that will go to the new HVAC lab for the 5 instructor carts and 1 instructor office
2. 24 will be converted into laptops for the new student lab in new HVC building
3. 22 will go to replace the computers in room 155. These computers are GX 270’s and will be surpersued, used for parts, or will go to the A + classes. This room can be used M-R 8am – 10 pm; F 8 am – 9 pm, Sat 8 am – 9 pm; Sun (as requested.)

**Amount –** As allocated

**Person Responsible for managing the project/budget** – Lynn Feist

**Project or Activity:** Distribution of Tech Plan LCD Projectors
**Brief Description** – 31 LCD tech plan projectors allocated to the campus will be distributed and mounted in the classrooms.

**Expected Outcomes (not just what you plan to purchase or pay for)** – VCCS and NVCC projector standards will be met on campus

**For labs – (specify the lab and days and hours of operation)** - Hours of operation are 8 am – 10 pm, M-F; with occasional weekend hours.

**Amount** – as allocated by tech plan

**Person Responsible for managing the project/budget** – Lynn Feist

**Project or Activity:** Installation of 31 Tech Plan Projectors

**Brief Description** – Install all 31 tech plan projectors

**Expected Outcomes (not just what you plan to purchase or pay for)** – tech plan projectors will get installed and prepared for use by faculty for teaching.

**For labs – (specify the lab and days and hours of operation)** – M-R 8 am – 10 pm; F 8 am – 9 pm; Sat. 8 am – 9pm; Sun. (as requested)

**Amount** – $530 per room which only includes installation/Materials of Projectors and moving mounts if needed.

**Person Responsible for managing the project/budget** – Lynn Feist

**Project or Activity:** Distribution of 18 tech plan laptops

**Brief Description** – 18 laptops will be distributed to replace those laptops that no longer meet the VCCS age requirement.

**Expected Outcomes (not just what you plan to purchase or pay for)** – 18 tech plan laptops will be purchased and distributed in such a manner as to maintain the VCCS four-year replacement cycle and to remove from campus all laptops deemed too old to meet VCCS standards and acceptable use for faculty, staff, and students. (Received pre-approval from Dr. Sachs to keep four older laptops to replace 4 old computers currently in the Cyber Café.)

**For labs – (specify the lab and days and hours of operation)** – Cyber Café hours are M-F; 8 am to 10 pm, and Saturday 9 am – 9 pm.

**Amount** – as allocated

**Person Responsible for managing the project/budget** – Lynn Feist

**Project or Activity:** SchoolVue

**Brief Description** – purchase 516 licenses for SchoolVue to be installed on all campus computer lab PC’s.

**Expected Outcomes (not just what you plan to purchase or pay for)** – 516 licenses will be purchased for computer labs enabling instructors to have full control of computers in the labs.
For labs – (specify the lab and days and hours of operation) – M-R; 8 am – 10 pm; F 8 am – 5 pm, Sat. 8 am – 9 pm & Sun. (as requested.)

Amount - $15,454.20

Person Responsible for managing the project/budget – Lynn Feist

**Project or Activity:** Campus Lab Support – Testing Center

**Brief Description** – Funds will provide adequate coverage for the testing center. This is an on-going position.

**Expected Outcomes (not just what you plan to purchase or pay for)** – This position will cover 5:00pm-10:00pm Monday-Thursday and Saturday 9:00am-1:00pm in order to provide adequate staff for testing services to students.

For labs – (specify the lab and days and hours of operation) – The Testing Center hours of operation are: Monday-Thursday 8:30 am-10:00 pm, Friday 8:30 am-5:00pm, and Saturday 9:00am-5:00pm.

Amount - $22,479.90 ($16.50/hr, 24 hours per week – Trainer and Instructor I) Includes Social Security and potential 4% (chg to $17.16/hr) cost of living increase.

Person Responsible for managing the project/budget – Sally Cool/Paul Loving

**Project or Activity:** Campus Lab Support – Open Computer Lab

**Brief Description** – Funds in this category will support one P-14 for the Open Computer Lab. This is an on-going position.

**Expected Outcomes (not just what you plan to purchase or pay for)** – This position will cover Monday-Thursday 5:00pm-10:00pm and Saturday 9:00am-1:00pm in order to provide adequate staff for open computer lab services to students.

For labs – (specify the lab and days and hours of operation) – The Open Computer Lab hours of operation are: Monday-Thursday 8:30am to 10:00pm, Friday 8:30am-5:00pm, and Saturday 9:00am-1:00pm

Amount - $19,756.27 - $14.46/hr 24 hours per week - includes Social Security and potential 4% (chg to $15.04/hr) cost of living increase.

Person Responsible for managing the project/budget – Sally Cool/Paul Loving

**Project or Activity:** Campus Lab Support – Open Computer Lab/Testing Center

**Brief Description** – Funds in this category will support one P-14 crossed trained for the Open Computer Lab and Testing Center. This is an on-going position.

**Expected Outcomes (not just what you plan to purchase or pay for)** – This position will cover Monday-Thursday 12Noon-5:00pm and Saturday 9:00am-1:00pm in order to provide adequate staffing for testing services and/or open lab services to students.
For labs – (specify the lab and days and hours of operation) – The Testing Center hours of operation are: Monday-Thursday 8:30 am-10:00 pm, Friday 8:30am-5:00pm, and Saturday 9:00am-1:00pm. The Open Computer Lab hours of operation are: Monday-Thursday 8:30am-10:00pm, Friday 8:30am-5:00pm and Saturday 9:00am-1:00pm.

Amount - $22,479.90 ($16.50/hr, 24 hours per week – Trainer and Instructor I) Includes Social Security and potential 4% (chg to $17.16/hr) cost of living increase.

Person Responsible for managing the project/budget – Sally Cool/Paul Loving

Project or Activity: Install Smartboards

Brief Description – Install 6 Smartboards that we currently have sitting in boxes

Expected Outcomes (not just what you plan to purchase or pay for) – Faculty will be able to use the new Smartboard technology in 6 more classrooms.

For labs – (specify the lab and days and hours of operation) – M-R 8 am – 10 pm, F 8 am – 9 pm; Sat 8 am – 9 pm, Sun (as requested.)

Amount - Labor for 6 = $7,200 and materials for 6 = $2,940 = TOTAL for 6 Smartboards to be installed: $10,140

Person Responsible for managing the project/budget – Lynn Feist

Project or Activity: Begin replacing campus instructor carts

Brief Description – purchase 15 computer classroom instructor carts to replace the carts in the rooms where we currently have SmartBoards.

Expected Outcomes (not just what you plan to purchase or pay for) – Computer carts are old and falling apart. By starting with the 15 rooms that have Smartboards in them, we will begin fixing up our classrooms and labs. We will keep this replacement cycle as part of our yearly tech plan until all the carts have been replaced and network control devices are added to the rooms.

For labs – (specify the lab and days and hours of operation) – For all classrooms that currently have Smart board technology. M-F; 8 am – 10 pm; Sat. 9 am – 9 pm; with occasional Sundays.

Amount - Pricing for 15 Computer Carts: $2770.00 per room per Instructor cart. Total for 15 carts $41,550.00

Person Responsible for managing the project/budget – Lynn Feist

Project or Activity: Network Control Units

Brief Description – Network Control Units will be added to the classrooms/labs that currently have Smart boards.

Expected Outcomes (not just what you plan to purchase or pay for) – The network control devices, will give us a proactive approach to troubleshooting the classroom equipment (projectors, computers, etc.) in an effort to better support the faculty.

For labs – (specify the lab and days and hours of operation) – For all classrooms that currently have Smart board technology. M-F; 8 am – 10 pm; Sat. 9 am – 9 pm; with occasional Sundays.
Amount - Pricing for an additional 11 NC (Network control units):
Price: $2497.50 per room for 1 NC (Network control units). Total for Installation is $27,472.50
Installation price: Installation pricing for 14 NC (Network control units):
Price: $90.00 per room for NC configuration/programming. Total for Installation is $1260.00 (This # is higher because we have 3 NC units that haven’t been installed yet that we bought with ETF funds.)
TOTAL (for NC units and installation): $28,732.50

Person Responsible for managing the project/budget – Lynn Feist

Project or Activity: Campus Based Technology Support

Brief Description – Attendance at the New Horizon Conference, also includes stipends for mini grants on incorporating technology into the classrooms, and includes stipend for chair of TLTR committee.

Funds will be expended for the following:

New Horizons ($3,000) – to cover cost of faculty and adjunct registrations for this conference.
Stipend for TLTR Chair- $2,000
Grants (6 – 7 mini grants) - $10,000 – to learn how to incorporate these technologies into the classroom lectures:
  • Develop (2) Hybrid courses for PSY 201
  • Developing CD of slides for Art History courses
  • Developing interactive agenda to be used for e-meeting tutoring sessions for ACC 211
  • Develop on-line Orientation for Web based course
  • Develop Blackboard site and experiment with the use of the chat and virtual classroom functions for SOC 268

Expected Outcomes (not just what you plan to purchase or pay for) – Faculty will learn about new technologies and how to incorporate them into their classroom lectures. All of these projects will enhance the campus instructional process. New Horizons will assist faculty in identifying new instructional ideas and techniques.

For labs – (specify the lab and days and hours of operation)

Amount - $15,000

Person Responsible for managing the project/budget –
  New Horizons registration payment – Provost’s Secretary
  TLTR Chair selection and payment – Provost
2008-2009 MEC Campus Technology Plan

Campus Based Technology Support

Faculty and Staff Professional Development Support ($4,500)
The MEC will support faculty and staff professional development activities by
for 10 faculty and staff to attend the annual VCCS New Horizon Conference.

Campus Lab Support (Estimated funding $12,000)
This funding will maintain hours of operation of the MEC OCL and classroom support. With the
funds the MEC would hire a P-14 position that will allow for weekend hours for increased student
access of the Nursing/Allied Health programs that are specific to this campus.

Campus Technology Projects

Mobile Computer Classrooms: (Estimated funding $42,300)
The funding will support the expansion of the current computer classroom initiative that the MEC has
recently undertaken. This funding will allow the expansion of the HIT class that is now required in
the NUR, DNH, and HIT degree programs. The class is limited to 22 in each class because of the room
size and they immediately fill. If we are able to purchase the 45 laptops and a computer carts we can
conduct 38 students per class and eliminate a potential academic roadblock. These laptops will also be used
for the NUR online exams. The NUR faculty is forced to stagger lectures because there are not enough
classrooms to test all nursing students in the same week. With 45 total laptops the testing can be
done in two sessions instead of eight and not disrupt the semester.

PDA’s for Nursing Faculty (Estimated funding $15,000)
The Nursing faculty is planning a pilot program to require students to have a PDA with drug references and
other specific software on all clinical rotations. The Nursing Faculty would require the PDA’s one
semester in advance to acclimate themselves to the new technology. Each PDA would be loaded with the
same software the students would be required to purchase.

PDA’s for Allied Health Faculty (Estimated funding $24,000)
The Allied Health Division would like to procure 80 PDAs. Initially, their primary use would be to support
documentation of training of students who are on clinical rotations off campus (hospitals, clinics, and the
like). Additionally, we would like to have select faculty begin to orient on the effectiveness of digital
books, various math, physics, lab references, study guides, and other material that might be eventually
adopted for use by students in our 7 degree programs. As future applications unfold, yet more uses are
expected to be defined. In fact, we recommend an internal strategy meeting to develop, decompose, and
prioritize functional user requirements.

Sim Mom and Sim Baby (Estimated funding $50,000)
The Sim Mom will simulate the birthing experience and used for nursing program lab. Sim Baby will be
used for practice vital signs and assessments on infants as well as the transition from intrauterine to
intrauterine life.

Medical Education Marquee (Estimated funding $75,000)
Update the Med Ed campus sign out front to look like the rest of the colleges’ marquee signs.

Project or Activity: Instructor/ trainer 20 hours per week in the OCL
Brief Description: Half time person to assist and instruct students, faculty and staff in the OCL,
troubleshoot and install software and hardware and backup IT with other projects as needed.
Expected Outcomes: Maintain current OCL hours and provide adequate services to users
Amount: Est. $17,000 approx