

University Libraries Digital Literacy Studio Design Document

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Small Multimedia Library Digital Studio (Phase I)

This equipment and digital initiatives lab will be leveraged to set infrastructure towards a larger digital literacy framework in line with a longer term strategic plan. The underlying rationale takes steps towards creating fundamental in-house digital 'infrastructure'. This foundational new media capacity begins down a road towards creating innovative in-house new media library resources and web content for supporting online and distance educational endeavors. Setting concrete infrastructure for digital implementation develops our own human resource potential web presence and capacity for ourselves and the larger university community.

Stratified into Three Main Implementation Phases and User Groups

Phases of Access

Year 1 - Library Faculty and Staff (Training, internal building, website,)

Year 2 - University Faculty and Graduate Students (Building Bridges, Infrastructure, Awareness, Marketing)

Year 3 + - Undergraduate Students (/Limited Appointment Opening External Service, Schedule, student training)

Possible Projects and New Directions Enabled

Multimedia Library Virtual Exhibits Podcasting for E-Resources/Tutorials/E-Lib Pages Faculty/Student Specialized Digital Literacy Projects Digital Video/Audio Possibilities for Library Development E-mail/Phone PDA E-Resources Exploration Digital Archives Projects Student Digital Studio/Multimedia Lab Services Innovative Multimedia Subject Guide Tutorials Library Web Infrastructure Projects E-Reserves Overflow Scanning Capacity Basic Librarian Web Design Training Capacity	Wider Library Services Scanning Assistance Web Page Creation Capacity Digital Audio/Video Capacity (capture, creation, conversion, editing) CD/DVD Creation Document Creation/Scanning (OCR), PDF Creation Image Editing
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Pace Library Multimedia Digital Studio (Hardware/Software/Training) Pricing Estimates

Equipment	Estimated Price
<p>2 Multimedia Enabled PC Computers (CD/DVD ROM Burner etc.) <u>Dell Precision Workstation 690</u> New Heights of Performance and Scalability An ultra-high-performance dual-socket, dual-core workstation for professionals needing maximum processor, memory and graphics performance Dual-Core Intel® Xeon® processors Genuine Windows® XP Professional OpenGL Graphics and Dual Graphics options Up to 2.0TB of SAS and/or SATA storage</p>	1,750.00*2=3500.00
<p>2 Large Screen Flat Panel Displays UltraSharp 2407WFP Wide-Screen Black Flat Panel Monitor, LCD with Height Adjustable Stand Usually Ships: Within 24 Hours Manufacturer Part#: CC302 Dell Part#: 320-4335</p>	800*2=1600.00
<p>2 Sets of Multimedia Speakers Cyberacoustics 14W 2.1 Multimedia Speakers</p>	40*2=80.00
<p>2 Multimedia Macintosh Computers <u>Apple Mac Pro</u> 3.0GHz Quad Intel Xeon Processor, 4GB RAM, 750GB hard drive, Mac OS X</p>	5,067.29 *2 = 10,134.00
<p>2 Apple Cinema HD Display (Monitors) 23" Wide-Screen LCD Display, Digital, Silver</p>	1200*2 = 2400.00
<p>1 Portable Macintosh (Apple Macbook Pro) 2.33GHz Intel Core 2 Duo 1680 x 1050 pixels 2GB memory 160GB hard drive 8x double-layer SuperDrive ATI Mobility Radeon X1600 graphics with 256MB SDRAM</p>	3,100.00
<p>1 Digital Video Camera <u>Sony - Handycam High-Definition DVD Camcorder</u> HDR-UX1 Records directly to DL DVD+R, DVD+RW and DVD-R/RW; 10x optical/80x digital zoom; image stabilization; 3.5" widescreen LCD monitor; digital still mode</p>	1,599.00
<p>2 Microphone sets <u>Oklahoma Sound PRA-6 - Wireless Mic Set -Tie-Clip/Lavalier for Pro Audio PRA-7000</u></p>	195*2= 390.00
<p>4 sets of Multimedia PC/ /Headphones Sennheiser HD413</p>	75.00*4=300.00
<p>1 Digital Still Camera Nikon D50 (with 18mm-to-55mm and 55mm-to-200mm lenses) Performance and features that rival those of more expensive digital SLR cameras make the 6-megapixel Nikon D50 one of the best entry-level options. Specs: Digital camera, 6,100,000 pixels, LCD display - TFT active matrix - 2 in - Color</p>	969.00
<p>1 VHS Recorder (Format Conversion) <u>JVC SR-MV40US</u></p>	548.87

Professional S-VHS/ DVD Recorder	
Versonic 19" LCD Monitor (For VHS)	250.00
2 Higher End Scanners/Various Media (with Slide Scanner included) Epson GT 2500 Plus Document Imaging Color Scanner 1200 dpi, 48-bit color scanning of documents up to 8.5x14, 50-sheet Automatic Document Feeder Fujitsu ScanSnap S500M Duplex Color Sheet Fed Scanner The ScanSnap S500M is able to scan both black and white as well as color documents at an impressive 18 pages (36 images) per minute. ...	900.00*2=1800.00
5 Ipods Apple New Ipod Video 60G, Black	375*5=1875.00
5 PDA (Blackberry Pearl 8100, Motorola Q or Other Model Palm to be determined, E-Resources, E-Reference)	350.00*5=1750.00
2 Dedicated Multimedia Printers 1 color laser/ 1 Photo Printer CLP-650N color laser printer delivers sharp text and vibrant graphics at speeds that let you spend more time creating, less time printing. CLP-650N/XAA	2*700.00=1400.00
Various Storage Devices, Drives Suitable for Digital Video and Images (Removable Storage)	3000.00
Various Multimedia, Web Design and Instructional Design Software Packages (Camtasia, Roxio CD Creator)	3000.00
OmniPage Pro (OCR)	500.00
Macromedia Studio (v.8) Dreamweaver, Flash Professional, Fireworks, Contribute	275.00*5 Licenses=1375.00
iLife (Photo, iMovie, iDVD, Garageband)	99*2 Licences= 198.00
Adobe Design Bundle Photoshop® CS2< Illustrator® CS2, InDesign® CS2, GoLive® CS2 , Designer, Distiller, ImageReady Acrobat® 7.0 Professional, Version Cue® CS2 Bridge	700*2 Licenses=1098.00
Adobe Video Bundle (Premier Pro, After Effects, Encore, Audition)	799*2 Licenses=1598.00
Adobe Web Bundle Dreamweaver® 8, Flash Professional 8, Fireworks® 8 Contribute™ 3, FlashPaper™ 2, Flash 8 Video Encoder HomeSite+	500*2 Licences=1000.00
Various Training Software Books/CD and Basic Training/Reference Library (Safari Books Online)	1,500.00
(i.e. Lynda Weinmann' Learning at Your Own Pace Online Training Library, 5 Concurrent Users, 1	1,500/year, http://www.lynda.com/)
Cables, Disks, Extra Storage and Ancillary Unforseen Items and Expenses (Contingency Fund)	3000.00

Total Estimate	***49,464.87
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*****This figure presents a low end budget estimate for a small multimedia studio set up: 2 PC's, 2 Macintoshes, 1 portable, basic application suite of Multimedia/Digital Studio software and digital studio hardware and equipment (ie. Scanner, color printer, digital camera, software). Figuring an educational discount of 20% on some of these items or a strict Macintosh studio set up, this estimate could be scaled down further. Other unforeseen hardware/software infrastructure contingencies would a make this number a very fair estimate.**

Other Academic Library Best Practices Models Consulted

University of Florida Library West (George Smathers Library Media Lab, 18 multimedia computers and software/ 2 ultra high end)

<http://www.uflib.ufl.edu/hss/infocommons/>

Old Dominion Digital University Libraries Digital Services and Projects
(12 high end multimedia machines, <http://www.lib.odu.edu/dsc/index.htm>)

University of Miami Libraries Digital Media Production & Training Lab (14 high end multimedia machines, 8 MAC, 6 PC)

(http://www.library.miami.edu/services/medialab/digital_media_lab.html)

Budget Permitting Other Equipment Needs

Multimedia Portable PC (Alienware Aurora m9700)	4,074.00
Large Screen Display (Group Presentation Room, Large Screen Website)	3000.00
Other Software (Audio Editing, Protools, Academic Technology "Captive", Web Design)	3000.00