Academic Resources and Computing Committee

Proposal for Funding

Due Thursday, April 1, 2004 (4:30 p.m.)

Project Title: Upgrade of video editing software and computer.

Project Director: Terri Reddout/Ty Sanders (on sabbatical)

Department(s): Communication

College(s): College of Arts & Humanities

E-Mail: treddout@weber.edu   Extension: 6682

Instructions:

1. Please complete each section in the space provided. The justification section should not exceed two single-spaced typed pages. (An addendum may be attached describing details of specific hardware and/or software that are requested with this proposal.

You are required to obtain the signature of an ARCC representative for your college, indicating that she/he is familiar with the proposal, and can speak to it during funding deliberations.

2. Your department chair's signature is also required, indicating that she/he supports the proposal, and that the proposal is in keeping with departmental goals related to information technology and its applications to the academic mission of the institution. Your Chair's signature also indicates her/his commitment to help support the project financially if so indicated on the budget page.

3. Your dean's signature is also required, indicating that she/he has read and supports the project. Your dean's signature also indicates her/his commitment to help support the project financially if so indicated on the budget page.

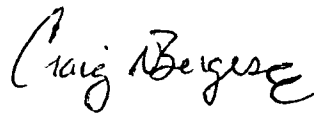4.Your college's computer committee must rank the proposal, and the committee chair's signature is required.

5.For certain projects an IT expert's signature is required. You must contact the appropriate individual if you are implementing a wireless network, multimedia classroom, software/hardware purchase that will require use of a campus server or work with online course software like WebCT Vista or ChiTester.

6.Submit one copy of the proposal, together with all relevant signatures, by 4:30 p.m. , Thursday, April 1, 2004 . NOTE: the ARCC no longer requires seventeen copies.

7.You must both email a soft copy and mail a hard copy of the proposal to the chair, David Ferro, MC 2401.

ARCC Representative:

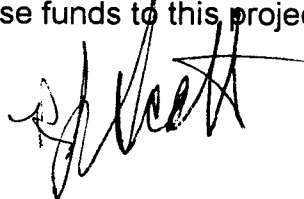I have read the proposal and discussed it with the Project Director.

ARCC Representative

Comments:

Department Chair:

The Department has reviewed this project within the context of overall information technology planning within the Department. If the budget page indicates financial support from the Department, I agree to commit those funds to this project.

Department Chair

Comments:

College Dean:

I have reviewed this project. If the budget page indicates financial support from the College, I agree to commit those funds to this project.

[signature] College Dean *Arts & Humanities*

Comments:

College Computer Committee Chair:

This proposed project has been reviewed and discussed by our college's computer committee. It is the consensus of the committee that this proposed project is consistent with information technology goals within the college. Furthermore, after ranking all of the proposals submitted by our college, we rank this proposal in priority as

out of a total of   proposals submitted this year.*

*Note: Each proposal must be given a separate ranking; no two proposals may receive the same rank.

College Computer Committee Chair

Comments:

IT Representative:

For certain projects an IT expert's signature is required. You must contact the appropriate individual if you are implementing a **wireless network (contact Brook Chase at bhchase@weber.edu or x7192),**

multimedia classroom (contact Bob King at rking@weber.edu or x6865),

Certain software/hardware purchases that will require use of a campus server or work with online course software like WebCT Vista or ChiTester (**contact Ted McGrath at tmcgrath@weber.edu or x7196).**

I have read the proposal and discussed it with the Project Director.

ITRepresentative (printed and signed)

Comments (including status):

Justification

Your proposed project should be described as clearly and succinctly as possible in the spaces provided below. Be sure to review the "Criteria for Funding" document *The entire justification section should not exceed two single-spaced pages.*

Abstract (project summary):

Our ARCC proposal started with a digital video editing software upgrade. But computer specifications for the updated software dictate a new computer as well. We request two copies of the *Adobe Premier Video Collection* and a new computer for video editing.

The *Adobe Premier Video Collection* includes four software programs that will allow us to accomplish several upgrades. First, the *Adobe Premier Pro* video editing software will update our video editing software. Currently, we are running the 6.0 version of the software. We didn't upgrade when the 6.5 version came out because there didn't appear to be any major differences. Not so with *Premier Pro 7.0. Premier Pro* allows for multiple sequencing with a more sophisticated key framing program and an advanced rendering system. Bottom line, students will be able to create more complicated video segments. This updated software also closely resembles other professional video editing software such as *Final Cut Pro* and *Avid*. (We prefer starting students on the Adobe software due to it's easy-to-understand format and outstanding tutorials.) Once students learn the Adobe software, they easily transfer skills to more complicated software programs. In fact, as I am writing this proposal two students trained on Adobe Premier are doing post-production work using *Final Cut Pro* editing software. As of this morning they had never used *Final Cut*. All it took was a quick orientation and they were editing as quickly and effectively as a professional.

The *Adobe Video Collection* also includes *After Effects*. This is a computer graphics and effects program that will allow us to teach students motion graphics, advanced visual effects and 2D and 3D animation. Many production houses are looking for people who understand and can operate *After Effects*. We want to add this training into the curriculum for advanced video production students.

The third element in the *Adobe Video Collection* is *Audition*. This audio software will update our current *Cool Edit* software that has seen two upgrades come and go. The fourth program in the Adobe Collection is *Adobe Encore*, a DVD authoring program. Understanding DVD authoring is fast becoming a critical skill in video production. This software will also allow students to put together a more professional video resume.

Objectives and goals of this project:

Our plan is to install these software programs on two computers. One copy will be installed on the faculty member's office computer. This will allow the faculty member to learn the updated system in order to create new assignments and tutorials. The second copy would be loaded on the student computer. The current computer, a Pentium 2 350, does not meet the software specs. The requested computer requires additional RAM and hard drive space to handle the massive video file sizes. For example, one frame of video takes up about the same amount of hard drive space as

this entire text document. There are 30 frames in just one second of video! (One second of video equals around 5 MB.)

This request meets at least three of the ARCC criteria for funding.

1. The software will be installed on computers in our discipline-specific student laboratory.

2. Software will be loaded on the faculty member's office computer for training and developing assignments and integrating the new software into the course curriculum.

3. The new video editing computer falls under the criteria for one-time support for an existing discipline-specific student computer lab.

Updating this software and computer system is critical. Without these software upgrades computer reliant courses such as Field Video Production, Broadcast News Production and Advanced Audio & Video Production will severely lag behind. This new software will expand the capacity of what our students can learn and create, better preparing them for the careers and life experiences ahead.

Identify specific courses and/or programs that will directly benefit from this project:

Comm 2751 Field Video	This is our introductory video editing class. Students will get their first experience with non-linear editing using the requested software and editing computer. (18 students per semester)
Comm 2720 Audio Prod.	This is our introductory audio class. Students will be introduced to simple digital editing using the Audition software program. This class also helps prepare students to work at KWCR. (16 students per semester)
Comm 3780 Broadcast Production	This is the class that produces Weber State news. Students trained on the video and audio software will be better prepared to do the fast paced editing and producing necessary to put the news on the air. They will also use the DVD authoring software to create video resumes. (20 students per semester)
Comm 3890 TV Production	Students advance their video and audio editing skills using this software. They too can use the DVD authoring software for their video resumes. (5-15 students per semester)
Comm 4750 Adv. Audio/Video Production	This class brings all the skills the students have learned together. Students will use the software tools to go beyond the basics to better understand how to combine technology and creativity together to communicate a message. For the past three years this group has shot, edited and produced the Arts & Humanities Graduation Video show at the college's convocation ceremony in the spring. (10-20 students)

Other Communication Courses	Several other communication classes utilize this equipment. For example, one section of the Writing for Audio and Video course uses the audio studio and software to produce a radio commercial. The editing and software tools are also used to assist other instructors in creating video learning tools.

If applicable, describe how this project will help to increase faculty productivity or enhance competency in some area of information technology.

By having the software loaded on the faculty member's computer, she will have more ready access to the program to train herself, build training programs for the students, and build editing examples to be shown in class. The computer systems are available to students from 8 in the morning to 9 in the evening during the week. Generally, most of those hours are booked by the students. With restricted access to the computer software, the instructor would also be restricted as to when she could use the software. Also, having the software on the instructor's office computer allows the instructor and students to work out problems and answer questions in a one-on-one setting.

Describe how the success of this project will be evaluated.

The success of this project will be evaluated on several levels. First, because students will be working with a user-friendly but more sophisticated version of the software we'll be able to see how quickly they can transfer their skills to different brands of editing software. Also, the quality of work shown via the television news show and through the work produced by the advanced production classes will improve.

Timeline:

Once the project is funded it is simply a matter of ordering the software and computers and getting them installed. The instructor will use the summer months to update her skills and develop additional skills in order to teach her students in the fall.

Budget

The items we request would be funded fully through ARCC, but please understand that other equipment projects are being funded in different ways. A video project taken on by the instructor a few years ago netted the department an Apple G4 editor and Final Cut editing software. Student fee money allocated to Weber State News over the past two years has bought one video editor, two digital video playback decks and a $7000 studio communication system. Students in the Advanced Audio and Video class "earn" equipment for the program by producing the Arts & Humanities graduation video. In the past three years, with support from the Dean's office, they have earned two digital video cameras and two wireless microphone systems. While these other sources can and will supply some equipment needs, they do not cover the equipment needs for the introductory classes.

	ARCC	Department	College	Other
Hardware:	(Requested)	(Committed)	(Committed)	(Committed)
Dell Computer (w/addition RAM, Hard drive, etc.)	$ 1584.77			
19" ViewSonic Flat Monitor (E90FB)	214			
Hardware Subtotals:	1798.77			

	ARCC	Department	College	Other
Software:	(Requested)	(Committed)	(Committed)	(Committed)
Adobe Premier Video Collection (2 copies @ $442.95 each)	885.90			
Software Subtotals:	885.90			

	ARCC	Department	College	Other
Other:	(Requested)	(Committed)	(Committed)	(Committed)
Other Subtotals: Hardware	1798.77			
Software	885.90			
Grand Totals:	2684.67			

TOTAL FOR PROJECT: $2684.67 (Sum of all columns)

Additional Resources

Please describe what other resources will be required to implement this project:

Additional resources needed include Academic Computing technical support to install software and to set up the new computer editing system as well as occasional maintenance.
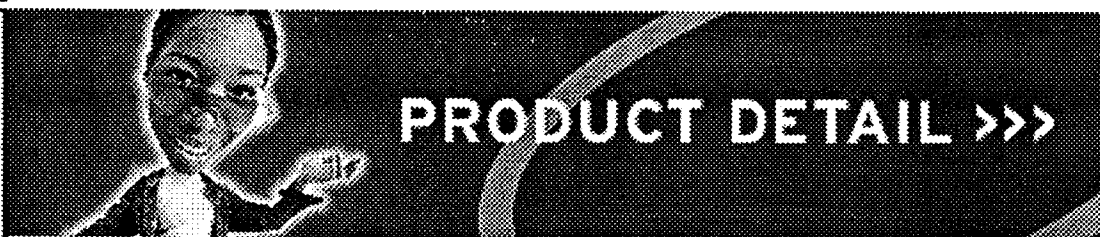
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Software>Multimedia Software>Digital Video

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Total: $0.00

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- NEWSLETTER SIGN-UP
- MONTHLY NEWSLETTER

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Adobe Video Collection Standard-Save Over $40

Adobe Systems

Save over $400 with the Adobe Video Collection Standard

The Adobe® Video Collection Standard edition delivers a comprehensive, integrated
Windows® based video production. Transform video and audio into compelling storie
Premiere® Pro. Create stunning motion graphics and visual effects with **Adobe Aft
Standard.** Author interactive, multilanguage DVDs with all-new **Adobe Encore™ D\
enhance all of your productions with multitrack audio accompaniments created usinç
professional tools in **Adobe Audition™.** An exceptional value, the Adobe Video Colle
creative control with the ability to deliver professional results for film, video, DVD,

System requirements
Windows
-Intel® Pentium® III 800MHz or faster processor (Pentium 4 3.06GHz or multiproce
recommended)
-Microsoft® Windows® XP Professional or Home Edition with Service Pack 1
-256MB of RAM to run any one application (1GB or more recommended)
-Additional RAM required to run multiple applications simultaneously
-2GB of available hard-disk space to install all applications
-11GB or larger dedicated large-capacity 7200RPM UDMA 66 IDE or SCSI hard disk c
for ongoing work
-2.5GB of additional hard-disk space recommended for extra content
-1,280x1,024 32-bit color video display adapter (dual monitors recommended)
-DVD-ROM drive
-Compatible DVD recorder (DVD-R/RW+R/RW) for DVD creation
-Stereo sound card (multitrack sound card recommended)
-Speakers or headphones recommended
-For DV: OHCI-compatible IEEE 1394 interface
-QuickTime 6.1 software recommended
-Optional: ASIO audio hardware device, surround speaker system for 5.1 audio play
microphone

			Item No.	Cost
STANDARD	SINGLE	WIN 2000/XP CD	#23747	$442.95

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Related Products
CLP Adobe Video Collection Standard-Media/Docs Not Included
TLP Adobe Video Collection Standard-Media/Docs Not Included
Adobe Encore DVD
Adobe Premiere Pro-WIN XP
Adobe Audition
Designing a Digital Portfolio

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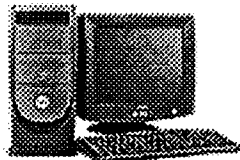
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Dimension 8300

To configure your system:
1. Select from the options listed to configure YOUR Dell system.
2. Click "Update Price" button at the bottom of the page to make the pricing reflect any changes you have made.
3. Click "Add to Orderform" button at the bottom of the page to add your system to your Order Form.

View Options: ⊙ View Drop-down List   ○ View all System Options   ○ View C

Price*:$1,584.77

36 Month Business L(

Dell Dimension 8300 Series
Pentium® 4 Processor with HT Technology 3GHz w/800MHz FSB

Operating System
Microsoft® Windows® XP Professional

Memory
1GB Dual Channel DDR SDRAM at 400MHz (2x512M)

Monitors
Non-Dell monitors ship separately from system and include manufacturer's warranty.

Video Ready w/o Monitor

Optional Second Monitor
A second monitor is only available for sale with video cards that support dual monitor (128mb ATI Radeon 9800 Pro, 128mb ATI Radeon 9800 128mb GeForce FX 5200 Graphics Cards). If you purchase two VGA (analog) monitors for these cards, you will also need to purchase the DVI-VGA Adapter.

None

External Hard Drive
None

Keyboard
Dell ® Quietkey ® Keyboard

Video Card
New 128MB DDR GeForce FX 5200 Graphics Card with TV-Out and DVI

Hard Drive
250GB Serial ATA Hard Drive (7200RPM)

Sound Card
NOTE: To enable DVD-Audio function on the Sound Blaster® Audigy 2™ Sound card, it should be configured with at least one DVD device (16x DVD, 48x DVD Combo or 8x DVD+RW) and surround sound speakers (Dell 5650 or Altec Lansing ADA995).

Integrated 5.1 Channel Audio

2nd Hard Drive
None

Floppy Drive and Additional Storage Devices

Remember to add a USB Memory Key or 3.5 in Floppy Drive for transferring and storing small files.

3.5 in Floppy Drive

Mouse

Dell® 2-button scroll mouse

Speakers

All speakers will be shipped separately from your system. The Altec Lansing ADA995 Surround Sound 5.1 Speakers requires the Dell® Enhanced Multimedia or Dell® Wireless Keyboard.

Stereo Speakers

Network Interface

Integrated Intel® PRO 10/100 Ethernet

Wireless Networking Solution

Dell TrueMobile wireless networking products support most cable and DSL modems, however some broadband carriers may not be compatible with the TrueMobile 1184 Broadband Router. Dial up modems are not supported. Minimum system requirements apply. Please see learn more to verify your existing system is compatible.

☐ TrueMobile™ 1300 WLAN (802.11b/g) USB 2.0 DT Adapter [$44.10]

Modem

No Modem Requested

CD or DVD Drive

All DVD Drives include Cyberlink PowerDVD LE. All CD-RW drives shown below include Sonic RecordNow. All DVD+RW drive shown below include Sonic RecordNow and MyDVD LE.

Single Drive: 8x DVD+RW Drive

Enhanced Software for CD or DVD Burner

These are upgrades to the basic software packages included with the CD-RW and DVD+RW drives listed above.

None

Security Software

No Virus Protection Requested

Digital Music

No Digital Music Software Requested

Digital Photography

No Digital Imaging Software Requested

Digital Media Readers

☐ 8-in-1 USB Digital Media Reader [$35.06]

Dell Media Experience

Dell Media Experience™

Remote for Dell Media Experience

None

Zip Drives

The zip drive is not available with the 2nd hard drive option.

250MB Iomega Zip Built-In Drive

Recommended Media

None

Productivity Software

Save money and ensure everything works together by purchasing your software factory-installed from Dell!

No Productivity Software

Dial-up Internet Access

Need dial-up access? 6 Months of AOL or EarthLink Internet access is included with your Dell PC (new AOL and EarthLink members only). Click Help Me Choose for details. Are you an existing customer? Setting up your existing AOL or EarthLink account is easy with this pre-installed software.

No ISP requested

Limited Warranty, Services and Support Options

Upgrade Dells Award-winning service and support to protect your investment and minimize downtime. Select from a variety of options including On-Site Service and Complete Care. Click on the learn more for important information regarding your limited warranty and service.

3 Year Limited Warranty plus 3 Year NBD On-Site Service

Optional Support Services

None

Installation Services

Let Dell ensure your new system is up and running quickly and properly while you focus on running your business! Click Learn More for details and to find the right installation service to meet your needs

None

Multi-Media Players

Your new Dell PC comes equipped with Windows Media Player 8.0 & RealOne ™ Player. RealOne ™ Player PLUS offers expanded features and benefits like Universal Media Playback & Advanced Video Controls.

RealOne™ Player, with 14 day SuperPass trial

Storage Devices and Media

Click here for warranty information.

☐ Verbatim CD-RW/CD-R Combo Pack (20PK in Slim Jewel Cases) [$12.56]

☐ Verbatim CD-RW, 74 Minutes, 650MB, 12X (25pk) CD Media [$19.76]

☐ Verbatim CD-R, 80 Minutes, 700MB, 48X (50pk) CD Media [$17.06]

Printers

☐ 10 ft Parallel Cable [$19.76]

USB and Parallel Cabel

☐ Dell IEEE-1284 Parallel Cable [$17.95]

☐ Dell USB Printer Cable - 10 ft black [$22.46]

Dual Monitor Support

This adapter is only needed if you plan to connect two VGA (analog) monitors to the 128mb ATI Radeon 9800 Pro, 128mb ATI Radeon 9800 or the 128mb GeForce FX 5200 Graphics Card. If you plan to use one VGA and one DVI monitor with this card, you do not need this adapter.

None

Dell Training and Certification

☐ Complete PC Package - 375 courses [$71.10]

☐ Microsoft Office XP Complete [$53.96]

☐ Microsoft Windows XP Complete [$35.96]

Dell Axim Handheld

None

Personal Finance

☐ Adobe Acrobat 6 Standard Academic [$80.10]

Wireless Broadband Router

Dell TrueMobile wireless networking products support most cable and DSL modems, however some broadband carriers may not be compatible with the TrueMobile 2300 Broadband Router. Dial up modems are not supported. Minimum system requirements apply. Please see "Help Me Choose" to verify your existing system is compatible.

☐ Dell TrueMobile 2300 (802.11b/g) Wireless Router with 1Yr Adv Exchange [$80.10]

☐ Dell TrueMobile 2300 (802.11b/g) Wireless Router with 3Yr Adv Exchange [$98.10]

Asset Recovery Services

| None |

Multi-Media Software

Microsoft® Digital Media Edition Plus! Pack is an exciting Photo, Music and Movie Enhancement Pack for Windows XP.

| None |

Dell Printers

| None |

Dell Printer Drivers

For easiest set up, remember to choose a pre-loaded printer driver below for no additional cost!

| None |

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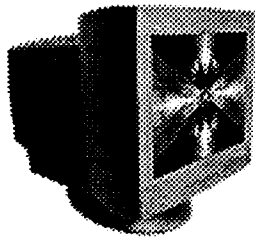| ALL PRODUCTS | Computer Hardware | Software | Notebooks | Digital Cameras | Networking Products | Mac Products | Home Electronics | Cell Phone Accessories | Generic Products | P |

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ViewSonic E90FB 19" PerfectFlat CRT Monitor –RETAIL

Model# **E90FB**
Item #
N82E16824116281

Price: **$214.00**

In Stock: Yes

FedEx Saver Shipping $20.00
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Rating: ★★★★☆
(avg rating out of 13 voters)

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Product Description   Detailed Specifications Customer Reviews (12) Resources

ViewSonic E90FB 19" PerfectFlat CRT Monitor –RETAIL

Specifications:
CRT Type: PerfectFlat® screen
Dot Pitch: 0.25mm diagonal
Max / Optimal resolution: 1600x1200 @ 68Hz / 1280x1024 @ 80Hz
Frequency / Bandwidth: fh: 30~86kHz; fv: 50~150Hz / 175MHz
Features: SuperClear® technology, anti-reflection, anti-static screen coating
Dimensions & Weight: 18.1" x 18.8" x 18.6" (WxHxD), 48.5 lbs
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