

Initiative Report for Arts 2009-10

Develop Digital Image Teaching and Learning Library

Summary:

The purpose of this project is to develop a digital image collection, including a searchable on-line digital image database, for Art and Applied Design faculty to use for educational purposes. One on-line the collection will be available to the College faculty and staff.

Description

The purpose of this project is to develop a digital image collection, including a searchable on-line digital image database, for Art and Applied Design faculty to use for educational purposes. Instructors use digital images in classroom lectures for teaching art history, studio arts, and media arts. Instructors prepare shared digital folders of images for students to study. Students view the images in shared folders to study for tests and to prepare assignments. Departmental staff collaborate with instructors to select, scan, photograph, and catalog images and to provide access to the images.

In order to establish this digital image collection, initially the main focus of the project is the transition from the existing analog slide collection to a digital image. To accomplish this, it is necessary to:

- scan images from books
- photograph images from book
- photograph original works of art
- capture digital images from a commercial image database such as ARTstor
- capture digital images available on the internet.

The Department has already
purchased scanning equipment, software, and a computer
obtained appropriate licensing for ARTstor
purchased a FileMaker database to enable use of VCat, visual resource cataloging software
established procedures for capturing and cataloging images

Questions and Answers

How is the initiative linked to the Unit Plans most recently submitted?

- 1. How does it continue the achievement of those goals?**
- 2. If this is a continuation of an initiative started last year, make sure that relationship is clear.**

How is this initiative linked to the efficiencies and productivities plans you had last year?

- 1. How does it continue the achievement of these plans?**
- 2. If this is a continuation of an efficiency or productivity plan started last year, make sure that relationship is clear.**

Although the digital library was not in last years unit plan, the need to digitize our slide collection has been known for several years and significant work has already been done researching best practices and copyright law, developing a system, purchasing some equipment and testing the process. The old technology that uses color slides and projectors is rapidly becoming unusable. Film is no longer available and Kodak stopped making the only professional projectors that are affordable two years ago. When the ones we have die we have no visual library to project. Images are essential to teach art.

In the long run, it is much less expensive to produce store digital images than it is film images. Digital also allows multiple users to duplicate and use the same images at the same time. And all of this can be done the instructors office computer. This is far more cost effected and efficient in terms of time spent preparing for instructors.

Describe the resources needed:

We have already purchased a computer, storage hard drives for the scanning process and both flatbed and slide scanners. The primary equipment that is now needed is a server for storage and management hardware for dissemination of the digital images and someone to scan the 10,000 images in our slide library.

Because of the economic situation at this time we will request only the server that Dale DuVall recommended and the software needed to operate the process.

Special equipment is needed to manage and provide access to the digital images. MDID (Madison Digital Image Database) is an open source database software that enables staff and faculty to browse and search the digital image collection and to build slideshows and to provide access to the images by faculty and students.

MDID hardware and software \$7382.00

Dale DuVal suggests that we will need to provide remote access for staff and faculty to the digital images, preferably on a server. Dale writes that we will put this on a virtual server. Because this adds to our department's budget to upgrade, maintain and manage this virtual server infrastructure, we would need you to provide funding for a hardware server as an entry cost as well as purchasing the software. The benefit is that when replacement time comes, there will be no cost to you. If you have a hardware server, you will have recurring replacement costs to budget for. Doing it this way allows us to upgrade our infrastructure and continue to provide services.

Virtual Server Access

What specific measurable program outcomes do you expect to achieve with this initiative? The outcomes should be specific enough to be measurable. Also, outline the method that will be used to determine the results.

This is an essential component of continuing to teach art at the College.
It is clear from other colleges and universities who have already developed digital image libraries that there is a significant savings in time for faculty.

Department Priority:

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Unit Resources:

We have already provide a scanning and archive room, a digital slide and flatbed scanner, a Canon digital camera and copy lens, a Mac g5 computer and a 4g external hard drive as well as ethernet and internet services for this purpose. These will continue to be provides as well as an part of an admin. assistants time to coordinate these efforts.

Funding Request: Carl Perkins

Funding Request: Curriculum Development

Funding Request: Technology Fee

1. Category of request

- **Maintain existing technology**
- **Increase student access to technology**
- **New technology**

Please type in the category of the request in the field below.

New Technology, Increase faculty and student access to technology

2. Campus location

- **Main Campus**
- **Downtown Center**
- **Florence**
- **Cottage Grove**
- **CLC (list specific locations)**

Please type in the location of the request in the field below.

Main Campus

3. Names of the person(s) with more information (if needed):

Rick Williams
Elizabeth Uhlig

4a. Budget ORGN

621001

4b. Budget PROG

111000

5. How many students will benefit per year?

3,000

6. Describe the benefit?

Access both in the classroom and on-line from home of a world of art images for their studies and enjoyment.

COMPUTER HARDWARE \$

7382

COMPUTER SOFTWARE \$

STAFFING \$

INSTALLATION \$

LICENSING \$

Can this initiative be partially funded?

No

COMPUTER HARDWARE \$

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

STAFFING \$

(S) Explanation of effect of partial funding:

INSTALLATION \$

(I) Explanation of effect of partial funding:

LICENSING \$

(L) Explanation of effect of partial funding: