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Student Technology Fee  
Funding Request Form  
Special Initiative Fiscal Year 2007-08  
Northwestern State University of Louisiana

This document will not be accepted without complete information, detailed budget, specifications of each piece of equipment requested and pricing.

Prepared by: W. Anthony Watkins For: Art Dept graphic design/new media lab

College: CAPA/Fine and Graphic Arts Campus: Natchitoches Department: Liberal Arts

Where will requested equipment be located/installed/housed: Bldg. CAPA Room 207

Total amount requested \$ 3,884.88 Any matched funds: Yes  No  Department CAPA, Art

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date \_\_\_\_\_

1. Describe target audience.
<p>All levels of Art and Design students, as well as non majors, undergraduate as well as graduate, involved in photography, graphic design, studio art, portfolio development and other forms of image making.</p>
2. Describe project/initiative for which you are requesting funds.
<p>This request seeks the acquisition of eight, high quality, digital cameras for student use in the completion of art and design projects and assignments.</p>
3. State measurable objectives that will be used to determine the impact/effectiveness of the project.
<ol style="list-style-type: none"><li>1. Timely completion of projects and assignments.</li><li>2. Improvement in project quality.</li><li>3. Reduced reliance on low quality, internet based imagery.</li></ol>
4. Indicate how each project objective will be evaluated.
<ol style="list-style-type: none"><li>1. Critique and grading as well as observance of increased adherence to project time lines.</li><li>2. Critique and grading in addition to observed student satisfaction with personal achievement.</li><li>3. Visible improvement in print quality of print design projects.</li></ol>

5. Provide a justification for funding of the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

**Art/Design** students are regularly given assignments which require the use of images and photography. While some students have access to personal equipment, many must resort to borrowing or seeking out other image sources, such as those online. Due to the low resolution of web sourced imagery as well as copyright concerns, a modest provision of digital cameras would be wise, offering students additional tools to create their own photography for projects and assignments.

Group projects will also benefit from the availability of the requested technology. In class or quick, improvisational projects will be made possible, allowing students to work when inspiration occurs.

This grant will also make it easier for students to document their university experiences, share ideas with others, and photograph work for portfolio use.

An estimated 200 students per year will have access to the requested digital camera equipment.

6. If funded, which NSTEP (<http://www.nsula.edu/nstep/NSTEP.pdf>) objective(s) will this funding of this project advance. How will funding of the project advance the University and College / unit technology plan?

*# 1. To improve access to technology by students, faculty, and staff at Northwestern State University.*

*# 2. To provide classrooms with updated technology and multimedia.*

*# 3. To upgrade student technology laboratories with modern technology.*

*# 8. To encourage innovation and research.*

This technology request will support the goal of a learning centered environment, providing students the ability to fully explore and execute design concepts of professional quality. This grant will ensure students have access to modern technology both inside the classroom and out.

Requested camera equipment should also make it easier for students to participate in web 2.0, new media projects by photographically documenting experiences and creative work.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project.

**W. Anthony Watkins, Assistant Professor of Art/Design.**

Anthony Watkins is a Graphic Design educator and recognized professional designer. An Assistant Professor, Watkins has significant experience administering, troubleshooting and integrating Graphic Design production technology into lab and professional work environments. In addition to maintaining laboratories at NSU and The University of Tennessee, Knoxville, Mr. Watkins served as technical liaison at the advertising agency The AD Company in Columbia, SC.

**Michael Yankowski, Professor of Art.**

Michael Yankowski is a Professor of Art, and an award winning artist and educator. Professor Yankowski teaches all levels of Art/Design at NSU, and has been instrumental in the ongoing development of photography as a course of study. Professor Yankowski is experienced with traditional film photography as well as digital photography.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

None

9. Provide a schedule for implementation and evaluation.

**September 2007** - purchase of equipment.

**October 2007** - development and review of student use guidelines and procedures.

**November 2007** - setup and cataloging of equipment, staff training, equipment testing.

**Spring semester 2007** - integration of equipment into design and photography classes, student training and development of abilities necessary to take advantage of equipment.

**April 2007** - Review and evaluation of student use and integration of equipment into projects and assignments.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

**4-6 yr** estimated life of hardware. As replacement becomes necessary, these digital cameras can be re-classified as second-tier equipment, bolstering our available equipment catalog as new equipment enters our program.

Battery and media storage card replacement may be necessary after 3-5 years of use. This is an estimation, not a requirement.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through Student Tech Fee.

**This** equipment will be secured in the Department of Art office, and available for checkout/loan.

- Students may borrow a camera for up to 72 hours.
- Preference will be given to undergraduate students and class projects in the case of limited availability.
- Equipment will generally be available on a first-come, first-served basis.
- Equipment may be reserved up to one week in advance, if arrangements are made and equipment is available.
- No check in/out on Saturday or Sunday.
- Students must have their NSU ID to check out equipment.
- All users must agree to and fill out a copy of the loan agreement form.
- Students take full financial responsibility for the loss, theft, or damage of equipment (replacement cost).

*Required forms attached.*

12. Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment). **All of the information requested must be attached or the request will not be accepted.**

*Required forms attached.*

**This grant** will support multiple aspects of our Art/Design program, making digital photography tools available to undergraduate and graduate level students, major and non-majors.

Equipment will provide necessary tools as the art department transitions away from traditional, wet photographic methods, to newer digital camera and software based solutions.

Group projects will also benefit from the availability of the requested technology. In class or quick, improvisational projects will be made possible, allowing students to work when inspiration occurs.

This grant will also make it easier for students to document their university experiences, share ideas with others, and photograph work for portfolio use.

13. List two individuals and their letters of support for the project. The letters needs to be from unit's Dean, the appropriate Vice President or the SGA President.

1. Donald W. Hatley, Dean, College of Liberal Arts

*Required forms attached.*

2. Dr. Tom Hanson, Vice President for Academic Affairs and Provost

*Required forms attached.*

## Detailed budget

Vendors for this grant include Dell, Louisiana State Contract # 403834 Comm Code 204-68-000865, and B&H Photo Video, 420 9th Avenue, New York, N.Y. 10001, 800.606.6969 / 212.444.6615.

This grant will incur no cost for outside support personnel.

Quantity	Item	Description	Unit price	Qty price
8	Canon PowerShot S5 IS	8 MP 12X Zoom Digital Camera Mfr Part# 2077B001 Dell Part# A1188339 Vender: Dell, State contract # 403834	\$426.56	\$3412.48
8	Lexar Media 1 GB Secure Digital Memory Card	Memory card allows 1 GB of storage. Mfr Part# SD1GB-231 Dell Part# A0420728 Vender: Dell, State contract # 403834	\$17.10	\$136.80
8	SanDisk 5-in-1 ImageMate USB 2.0 Card Reader/Writer	Connections: 1 x Hi-Speed USB - 4 pin USB Type A Supported Flash Memory: Memory Stick, MultiMedia-Card, SD Memory Card. Mfr Part# SDDR-99-A15 Dell Part# A0434331 Vender: Dell, State contract # 403834	\$18.00	\$144.00
8	1150 Small Protector Watertight Case with Pick 'N Pluck Foam (Orange)	Watertight, crushproof, and dust proof. Open cell core with solid wall design. O-ring seal. Stainless steel hardware. Mfr Part# PC11500 B&H Part# PE1150FO Vender: B&H Photo, 800.606.6969	\$23.95	\$191.60
<b>Total price</b>				<b>\$3,884.88</b>



Louisiana State Contract # 403834 Comm Code 204-68-000865

Systems

Software &amp; Peripherals

Standard Configurations

Custom Links

Support

Contact

Search

Account Options

Order Status

E-Quotes

My Cart

Logout

Buy Online or Call 1-888-997-3355

Dell recommends Windows Vista® Business.

You are here: Premier Home &gt; Accessories &gt; Digital Cameras &amp; Camcorders &gt; Digital Point &amp; Shoot &gt; 8-9 Megapixel

## PowerShot S5 IS 8 MP 12X Zoom Digital Camera

### Product Details

**\$426.56**

Usually Ships: Within 24 Hours

Add to Cart

**Canon**

★★★★★

Avg Customer Rating 5 out of 5

1 Review | Write a review

### Overview



The ultra-powerful 12x optical zoom on the PowerShot S5 IS means you'll get the shot you want with no compromise, yet that's only the beginning of what makes this camera so exciting. The S5 IS is loaded with many of Canon's latest advanced technologies including the DIGIC III Image Processor, so both still images and movies are rendered with fine detail and luminous clarity. And now ambitious photographers have even greater creative latitude thanks to an included hot shoe adapter that allows you to attach Canon Speedlite EX Series external flashes. PowerShot S5 IS is compact and portable, with streamlined controls and a sure, steady grip. And you'll want to take it everywhere,

because inside is a level of photographic power that's truly impressive. 8.0 megapixels ensure deeply detailed images - giving you complete freedom to enlarge an image or any section of an image and crop to your exact specifications. The 12x optical zoom brings this compact digital camera into the realm of serious photography. It has the power to take you right up onto the stage and into the end zone for the shot you really want. Zooming is fast and silent thanks to the ultrasonic motor drive.

Manufacturer Part#: 2077B001

Dell Part#: A1188339

UNSPSC: 4512150400

### Highlights

- 2.5" LCD display lets you view brilliant and sharp pictures
- 12X Optical Zoom captures crisp details getting you closer to your subjects without losing picture quality
- Features built-in flash for low light conditions

### Customer Product Reviews

Review This Product

Overall: ★★★★★

Reviewed by: Corinne

(read all my reviews)

Location: Las Vegas

Nevada

Duration of product use:

Less than a week

Level of expertise: Good

Title: Most Impressive

Date: July 17, 2007

#### Pros

This is by far the best camera I've ever owned to date. Even the most basic functions are awesome. It is quite versatile and the instructions are easy to read, from beginner to advanced. I've only scimmed the surface of this "handsome" camera and look forward to reading the advanced instructions. I enjoy taking photos outdoors a lot, also moving objects like wild rabbits and squirrels, and objects at a distance. I also like the prompt; "raise the flash" in the view finder or LCD screen, recommending using the flash for a certain shot. Pretty neat! All in all, this is a very fine piece of equipment, I'm very pleased.

#### Cons

I have none! : )

#### Additional Thoughts

I look forward to eventually getting all the accessories for it. : )

20 of 21 people found this review helpful.

Was this review helpful to you? Yes No

## Tech Specs

### General

<b>Product Type</b>	Digital camera - prosumer
<b>Width</b>	4.6 in
<b>Depth</b>	3.1 in
<b>Height</b>	3.1 in
<b>Weight</b>	15.9 oz

### Main Features

<b>Resolution</b>	8.0 Megapixel
<b>Color Support</b>	Color
<b>Optical Sensor Type</b>	CCD
<b>Total Pixels</b>	8,300,000 pixels
<b>Effective Sensor Resolution</b>	8,000,000 pixels
<b>Optical Sensor Size</b>	1/2.5"
<b>Light Sensitivity</b>	ISO 100, ISO 800, ISO 400, ISO 200, ISO 80, ISO 1600, ISO auto
<b>Digital Zoom</b>	4 x
<b>Shooting Modes</b>	Frame movie mode
<b>Shooting Programs</b>	Landscape, portrait mode, macro, stitch assist, fireworks, night scene, sports mode, indoor, foliage, beach, night snapshot, snow, aquarium
<b>Special Effects</b>	My Colors, Color Accent, Color Swap
<b>Image Stabilizer</b>	Optical
<b>Max Shutter Speed</b>	1/3200 sec
<b>Min Shutter Speed</b>	15 sec
<b>Exposure Metering</b>	Evaluative, spot AF area, center-weighted, spot
<b>Exposure Modes</b>	Program, automatic, manual, aperture-priority, shutter-priority
<b>Exposure Compensation</b>	±2 EV range, in 1/3 EV steps
<b>Auto Exposure Bracketing</b>	3 steps in 1/3 EV step
<b>White Balance</b>	Custom, automatic, presets
<b>White Balance Presets</b>	Fluorescent, cloudy, tungsten light, flash, daylight, fluorescent light (daylight)
<b>Digital Video Format</b>	AVI
<b>Still Image Format</b>	JPEG
<b>Continuous Shooting Speed</b>	1.5 frames per second, 0.9 frames per second
<b>Video Capture</b>	AVI - 640 x 480 - 30 fps - 13 sec - with 32MB card   AVI - 320 x 240 - 60 fps - 19 sec - with 32MB card   AVI - 320 x 240 - 30 fps - 34 sec - with 32MB card
<b>Memory / Storage</b>	
<b>Flash Memory</b>	32 MB flash - SD Memory Card
<b>Supported Flash Memory</b>	MultiMediaCard, SD Memory Card, SDHC Memory Card Super-fine JPEG 3264 x 1832 : 11 - with 32MB card   Fine JPEG 3264 x 1832 : 18 - with 32MB card   Normal JPEG 3264 x 1832 : 39 - with 32MB card   Super-fine JPEG 3264 x 2448 : 8 - with 32MB card   Fine JPEG

**Image Storage** 3264 x 2448 : 14 - with 32MB card ; Normal JPEG 3264 x 2448 : 29 - with 32MB card ; Super-fine JPEG 2592 x 1944 : 11 - with 32MB card ; Fine JPEG 2592 x 1944 : 20 - with 32MB card ; Normal JPEG 2592 x 1944 : 41 - with 32MB card ; Super-fine JPEG 2048 x 1536 : 18 - with 32MB card ; Fine JPEG 2048 x 1536 : 32 - with 32MB card ; Normal JPEG 2048 x 1536 : 64 - with 32MB card ; Super-fine JPEG 1600 x 1200 : 29 - with 32MB card ; Fine JPEG 1600 x 1200 : 52 - with 32MB card ; Normal JPEG 1600 x 1200 : 99 - with 32MB card ; Super-fine JPEG 640 x 480 : 111 - with 32MB card ; Fine JPEG 640 x 480 : 171 - with 32MB card ; Normal JPEG 640 x 480 : 270 - with 32MB card

**Camera Flash**

**Camera Flash** Pop-up flash

**Flash Modes** Fill-in mode, rear curtain sync, slow synchro, auto mode, flash OFF mode, red-eye reduction

**Red Eye Reduction** Yes

**Effective Flash Range** 1.6 ft - 17 ft

**Features** AF illuminator, flash +/- compensation

**Lens System**

**Type** Zoom lens - 6 mm - 72 mm - f/2.7-3.5

**Focal Length** 6 mm - 72 mm

**Focal Length Equivalent to 35mm Camera** 36 - 432mm

**Focus Adjustment** Automatic, manual

**Auto Focus** TTL contrast detection

**Min Focus Range** 19.7 in

**Macro Focus Range** 0-50cm

**Lens Aperture** F/2.7-3.5

**Optical Zoom** 12 x

**Zoom Adjustment** Motorized drive

**Lens Construction** 9 group(s) / 11 element(s)

**Features** UD glass, Ultrasonic Motor (USM), aspherical lens

**Additional Features**

**Self Timer** Yes

**Self Timer Delay** 10 sec, 2 sec

**Flash Terminal** Hot shoe

**Additional Features**

Audio recording, direct print, USB 2.0 compatibility, built-in speaker, RGB primary color filter, auto power save, digital noise reduction, DPOF support, display brightness control, digital image rotation, camera orientation detection, PictBridge support, histogram display, focus bracketing, AE lock, AF lock, FE lock, 16:9 widescreen mode, MOTION PRINT, in-camera red-eye fix, takes photos while movie recording, face detection, digital tele-converter, auto ISO shift

**Viewfinder**

**Viewfinder Type** LCD

**Viewfinder Color Support** Color

**Viewfinder Diagonal Size** 0.33"

**Viewfinder Resolution** 115,000 pixels


**Field Coverage** 100%

**Dioptric Correction Range** -5.5 to +1.5

**Display**



<b>Type</b>	LCD display - TFT active matrix - 2.5" - color
<b>Display Form Factor</b>	Rotating
<b>Display Format</b>	207,000 pixels
<b>Microphone</b>	
<b>Type</b>	Microphone - built-in
<b>Microphone Operation Mode</b>	Stereo
<b>Connections</b>	
<b>Connector Type</b>	1 x USB   1 x composite video/audio output   1 x DC power input
<b>Expansion Slot(s)</b>	1 x SD Memory Card
<b>Software</b>	
<b>Software</b>	Drivers & Utilities, Canon ZoomBrowser EX, Canon ImageBrowser
<b>System Requirements for PC Connection</b>	
<b>Operating System Support</b>	MS Windows XP, MS Windows 2000, MS Windows ME, MS Windows 98 SE, Apple Mac OS X 10.1.5 - 10.3
<b>Peripheral Devices</b>	USB port, SVGA monitor, CD-ROM drive
<b>Miscellaneous</b>	
<b>Included Accessories</b>	Lens cap, neck strap
<b>Cables Included</b>	A/V cable   USB cable
<b>Battery</b>	
<b>Supported Battery</b>	AA
<b>Supported Battery Details</b>	4 x AA alkaline battery ( included )
<b>Environmental Parameters</b>	
<b>Min Operating Temperature</b>	32 °F
<b>Max Operating Temperature</b>	104 °F

**You are here:**  Premier Home > Accessories > Digital Cameras & Camcorders > Digital Point & Shoot > 8-9 Megapixel

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800.606.6969 | 212.444.6615  
420 Ninth Avenue  
New York, NY 10001, USA  
Between 33rd & 34th street



1150 Small Protector Watertight Case with Pick 'N Pluck Foam (Orange)  
Mfr # PC11500• B&H PE1150FO

**Our Price:** \$ 23.95

**Availability:** In Stock

**This Item Includes**

- 3 Piece foam set
- Lifetime warranty

#### Product Information

The **Pelican 1150** Small Protector Case is an unbreakable, watertight, airtight, dustproof, chemical resistant and corrosion proof hard case used to carry any kind of equipment that needs to be protected from the elements. It is made of Ultra High Impact structural copolymer that makes it extremely strong and durable. It has a 0.25" (6.4 mm) neoprene o-ring, ABS latches that seal perfectly and includes an automatic purge valve for quick equalization after changes in atmospheric pressure.

The Pelican 1150 case is NATO codified and tested to IP-67 (Ingress Protection).

A 3 piece 1.7 lb. Polyurethane foam set is included.

#### Features

A 3 Piece foam set that consists of one "egg crate" foam upper section, one Pick 'N Pluck foam section and one 1" thick blank bottom foam section is included.

Unbreakable, watertight, airtight, dustproof, chemical resistant and corrosion proof case

Made of Ultra High Impact structural copolymer that makes it extremely strong and durable

Built-in purge valve for changes in altitude or temperature

NATO codified and tested to IP-67 (Ingress Protection).

Temperature Rating -10 degrees to Plus 210 degrees

#### Specifications

##### Material

**Exterior:** High impact structural Copolymer Polypropylene

**Interior:** 1.7 lb Polyurethane 3 piece foam set

##### Waterproofing

Watertight to 30'

O-Ring sealed

##### Maximum Buoyancy

Floats in salt water with 8.1 lbs (3.63 kg) load

##### Type of Closure

Hinged with double latches

##### Exterior Dimensions

9 1/4 x 7 9/16 x 4 3/8" (23.5 x 19.2 x 11.1 cm) (LxWxH)

**Northwestern State University of Louisiana**  
Department of Fine and Graphic Arts

**Digital camera loan policy:**

- All users must present their NSU ID prior to check out.
- All users must agree to and fill out a copy of the loan agreement form.
- Equipment may be checked out for up to 3 days.
- Users must request a 1, 2, or 3-day loan at the time of reserving the equipment.
- If a reservation request has been made, equipment not picked within 15 minutes of scheduled time will be given to waiting other students.

Name \_\_\_\_\_ Phone \_\_\_\_\_ NSU Email \_\_\_\_\_

Check out date/time \_\_\_\_\_ Agreed return date/time (M-F) \_\_\_\_\_

Equipment checked out (include all accessories and serial numbers) \_\_\_\_\_  
\_\_\_\_\_

**I agree:**

- That all requested items have been tested by me prior to loan, are in good working order and condition at time of pickup and will be returned in like condition.
- To assume full responsibility for this equipment during the time(s) that it is checked out to me.
- To use this equipment in a safe and responsible manner.
- To Return this equipment by agreed return date/time, Monday through Friday. I understand that if late, the item will be considered lost, and I will forfeit future loan privileges.
- To reimburse the Northwestern State University for any damage or loss of the equipment or its accessories that occurs while checked out to me. Charges will be based on replacement cost of loaned items.
- Not to leave the equipment unattended or allow anyone else to use the equipment.

Student signature \_\_\_\_\_ Date \_\_\_\_\_



Provost & Vice President for Academic Affairs

Telephone (318) 357-5361  
FAX (318) 357-4517  
E-mail [vpaa@nsula.edu](mailto:vpaa@nsula.edu)  
[www.nsula.edu/provost/](http://www.nsula.edu/provost/)

Northwestern State University  
Natchitoches, Louisiana 71497

A Member of the University  
of Louisiana System

August 13, 2007

TO: Student Technology Fee Grant Funding Committee

FROM: Thomas Hanson  
Provost and Vice President  
for Academic Affairs

RE: Grant request from Creative and Performing Arts.

Please accept my recommendation of support for our School of Creative and Performing Arts, Fine and Graphic Arts program technology request.

While a range of programs will certainly benefit from this year's Special Initiative Technology Fee allocations, consider that our Art and Design students depend almost exclusively on their ability to produce a visual product. This request for digital photography equipment will allow a wide range of art students to improve the quality of their work. It will also offer faculty new teaching opportunities, as all students will now have access to high quality digital photography.

The financial barriers that many students face can be lessened by modest improvements such as this. This grant will also demonstrate to students that our Art program is continually thinking about improvement, and improved access to technology will no doubt motivate students and provide incentive to elevate the caliber of their work.

Thank you in advance for your support.



**NORTHWESTERN STATE**  
UNIVERSITY OF LOUISIANA  
Natchitoches, LA 71497

**College of Liberal Arts**  
P. O. Box 5314

Telephone (318) 357-4330  
FAX (318) 357-4255

August 13, 2007

Student Technology Fee Committee  
Northwestern State University

Committee Members,

Please accept this letter of endorsement for the acquisition of digital camera equipment for use by our Fine and Graphic Arts students. Though comparatively small, funding commitments such as this work to increase excellence in academic and professional programs, as prescribed in our Technology Enrichment Plan.

As a Board of Regents designated Area of Excellence, CAPA requests deserve our attention. The recent full NASAD accreditation of our Art program is a demonstration of our success here at NSU. Accordingly, we must continue technical and financial support as we move forward. Your approval of this grant will increase the attractiveness of our program, confirming our willingness to remain a competitive institution.

Please consider their request favorably and support them in their efforts.

Sincerely,

A handwritten signature in cursive script that reads "Donald W. Hatley".

Donald W. Hatley, Dean  
College of Liberal Arts  
Northwestern State University