Student Technology Fee
Special Initiative Request Form
Fiscal Year 2012-13
Northwestern State University of Louisiana

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by:_____STAT_____ For:___Campus Initiatives_____

Department/Unit:_____ College:___NSU_____Campus:_NSU Community

Which NSTEP Goals/Objectives does this project meet?_____1 - 10_____

Requested equipment will be located/installed/housed? Building _____ Room_NSU_

Are department property policies and procedures in place for requested equipment?___Yes_____

Which individual will be responsible for property control of the requested equipment?

Signature: _____ Date:_____

Proposal Requested Amount:$_____359,663.58_____Budget Attached (circle one): YES/NO

Proposal delivered to Student Technology located in Watson Library, Room 113. Date_____

The proposal must include all specifications, description, model number, quotation, cost, state contract number, and vendor for each item. If the proposal does not include all requested information, it will be retuned to requestor.

1. Describe target audience. All students enrolled through Northwestern State University
2. Describe project/initiative for which you are requesting funds. To purchase equipment to be used by and for all NSU students.

1

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

The equipment will directly impact all students on the Natchitoches, Shreveport and Ft. Polk Campus. This is also impact all on-line students.

4. Indicate how each project objective will be evaluated.

The effectiveness of system will be evaluated by the students on and off campuses in the academic coursework.

5. 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?

Objectives 1 – 10 will be enhanced.

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

This project will directly affect all students on the NSU campus to better prepare them for coursework related technologies.

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.

Jennifer Long, Student Technology – will serve as project manager

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

Student Technology will be provide all technical support necessary.

9. Provide a schedule for implementation and evaluation.

Funding – October
Purchase – October/November
Installation – Spring Semester

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

The hardware should have a life span from 5 years.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Technology Fee.
If you are requesting equipment that will be either/or checkout to students or moved within the department, you must provide a checkout/loan policy.

The department will follow policies and procedures in place by the university.

12. Attach a detailed budget.

Department	Description	Cost/Each	Total
University Grants	Campus Community	$ 200,000.00	$ 200,000.00
Ft. Polk Campus Initiative	Privacy Screens	$ 3,223.34	$ 3,223.34
LOUIS Resources	Student Resources	$ 78,981.00	$ 78,981.00
SMART Classroom	SMART Classroom	$ 39,903.76	$ 39,903.76
Relocating to SSC	SMART Classroom	$ 2,747.00	$ 2,747.00
Recital Hall	Projector/ipad	$ 26,212.16	$ 26,212.16
Messaging System	Messaging equipment	$ 8,596.32	$ 8,566.32
		Total	$ 359,633.58

Ft. POLK

Dell recommends Windows® 7.

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Northwestern State University

Description

17IN LCD PRIVACY FILTER FOR NOTEBOOK AND DESKTOP MONITO Manufacturer Part# PF17.0 Dell Part# A0489773	Qty Unit Price	45 $50.78	
		TOTAL: $2,285.10	

EF200XXLB Anti-Glare / Radiation Filter for 19-inch - 21-inch CRT / 19-inch- 20-inch LCD Monitors - Black Manufacturer Part# EF200XXLB Dell Part# A0383399	Qty Unit Price	2 $79.77	
		TOTAL: $159.54	

PF19.0 Privacy Filter for 19-inch Desktop Monitors Manufacturer Part# PF19.0 Dell Part# A0383497	Qty Unit Price	9 $56.95	
		TOTAL: $512.55	

	Total Price
Sub-total	$2,957.19
Shipping & Handling	$0.00
Tax*	$266.15

*Exemptions reflected in final checkout page only

Total Price[1]	$3,223.34

In the event that you are subject to a tax holiday,
you will not be charged tax.Learn More

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snCM56

LOUIS: The Louisiana Library Network

200 Computing Services Center
Baton Rouge, LA 70803
Telephone: (225) 578-3705

Invoice

Northwestern State University   Invoice No.   LOUIS13-16
Eugene P. Watson Memorial Library   Invoice Date: 7/5/2012
Attn: Ms. Abbie Landry
913 College Avenue
Natchitoches, LA 71497-0003

2012-2013 LOUIS Membership Fee

LMS Support	$ 45,130
ILLiad Support	5,289
Electronic Resources	101,389
Digital Library	6,154
TOTAL DUE	$ 157,962

÷ 2 = $78,981.00

PAYMENT DUE DATE: September 1, 2012

Please make check payable to Louisiana State University and remit to:

Sara Zimmerman, Executive Director
LOUIS: The Louisiana Library Network
203F Computing Services Center
Louisiana State University
Baton Rouge, LA 70803

summit
INTEGRATION SYSTEMS

Date: 9/18/2012
To: Jennifer Long/NSU
Phone:

From: Scott Albarado (salbarado@summit-sys.com)
Re: **Smart Classroom Quote for Bienvenue 114**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Summit-SIS-MIT-WL7200U-5500 Lumens, WXGA Projector	**01460**	$ 5,386.15	$5,386.15
2	Summit-SIS-Mount5- Mount for Display Device	**03167**	$ 373.33	$746.66
2	Summit-SIS-Mount1- Mount for Display Device	**03163**	$ 159.99	$319.98
1	Summit-SIS-SCREEN17- Computer Projection Screen	**02156**	$ 1,482.85	$1,482.85
1	Summit-SIS-SMT-SP524-NB-Sympodium Widescreen Interactive Display, 24"	**02180**	$ 2,633.40	$2,633.40
1	Summit-SIS-Mount2- Mount for Display Device	**03164**	$ 213.33	$213.33
1	Summit-SIS-Lectern5- Medium Size Computer Presentation Lectern	**03434**	$ 3,005.71	$3,005.71
1	Summit-SIS-Control16- Audio/Visual Controller	**03395**	$ 4,021.43	$4,021.43
1	Summit-SIS-TouchPanel9- Audio/Visual Controller TouchPanel	**03522**	$ 2,228.56	$2,228.56
1	Owner Furnished Elmo Document Camera with Elmo Security Bracket			
2	Summit-SIS-Interface2- Computer Interface Device	**03401**	$ 152.85	$305.70
2	Summit-SIS-Interface7- Computer Interface Device	**03406**	$ 467.14	$934.28
3	Summit-SIS-SPEAKERS5- Compact in ceiling speakers (pair)	**03473**	$ 170.85	$512.55
1	Summit-SIS-FUR-M8DX- Rack Power Conditioner	**03261**	$ 108.50	$108.50
1	Summit-SIS-FUR-D10-PFP- 10 outlet power strip	**03263**	$ 35.00	$35.00
1	Summit-SIS-MIDATL-RC3- Clamping Rack Shelf	**03296**	$ 63.38	$63.38
19	Summit-SIS-PC-INT- Interconnect Cables	**03219**	$ 35.00	$665.00
300	Summit-SIS-BulkCable7-Audio Visual Cable per foot-single pair shielded	**03369**	$ 0.23	$69.00
100	Summit-SIS-BulkCable10-Audio Visual Cable per foot-16 AWG Speaker Wire	**03372**	$ 0.30	$30.00
100	Summit-SIS-BulkCable3-Audio Visual Cable per foot-RGBHV 5 Wire Plenum	**03365**	$ 1.47	$147.00
1	Summit-SIS-WARR3 - One year extended labor warranty	**05010**	$ 1,714.28	$1,714.28
65	Summit Integration Onsite Installation / troubleshooting / Project Management, Programming & System Testing	**99777**	$ 90.00	$5,850.00
		Total		$30,472.76

Items not on State Contract:

1	Ergotron Articulating Arm Monitor Mount	$ 159.00	$159.00
1	Gefen HDMI to Composite Video Scaler	$ 292.00	$292.00
1	Kensington MicroSaver Lock	$ 60.00	$60.00
1	Sound Control Technologies RC2-HDS	$ 1,215.00	$1,215.00
1	Wiremold 2400 Series Transition	$ 111.00	$111.00
1	Wiremold 8' Raceway Base & Cover	$ 46.00	$46.00
1	Wiremold Base- 10'	$ 25.00	$25.00
2	Wiremold Cover- 5'	$ 11.00	$22.00
1	Xantech Blink I/R Emitter (283D)	$ 14.00	$14.00
1	Labor to run the Bulk Cabling in the Walls and Ceiling	$ 857.00	$857.00

Total $2,801.00

3639 Ambassador Caffery Pkwy, Suite 402, Lafayette, LA 70503
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Network - $ 1500.00
Electric - $ 500.00
C2D - $ 4600.00
$ 39,873.76

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Quotation # 350038
Please indicate above number with order.
This quote is valid for a period of 30 days.

Elaina Ryan
6301 Benjamin Road
Suite 101
Tampa, FL 33634

Elaina.Ryan@avispl.com
Tel: (813) 884-7168
Fax: (813) 882-9508

To:	Chris Brumley	**Date:**	11/15/2012
Company:	Northwestern State University	**Phone:**	
Address:	200 Roy Hall	**Fax:**	
	Natchitoches, LA 71497-0001	**Email:**	Brumleyc@nsula.edu
	USA		

Item Number	Item Description	Qty	Unit Price	Extended Price
CISCTS-QSC20-K9	QUICKSET C20 - INCL NPP, MIC, RMT, CBLS, MUST PUR CAMERA SEP	1	$2,073.50	$2,073.50
CISCTS-PHD-1080P12XS	PRECISIONHD 1080P CAMERA W 12X ZOOM - NOT SOLD STAND ALONE	1	$3,575.00	$3,575.00
CISLIC-QSC20-HD	QUICKSET C20 - HD (720P) OPTION	1	$1,430.00	$1,430.00
CISCON-PMDN-CTSQSC20	8x5xNBD cust care serv plan QS C20w/NPP,Mic20,remote	1	$284.00	$284.00
CISCON-PMDN-180P12XS	8x5xNBD Prec HD 1080p cameraw/12x cust care service plan	1	$409.60	$409.60
CISCON-PMDN-LQSC20HD	8x5xNBD L-QS-PAK HiDef Opt customer care service plan	1	$196.00	$196.00

Items 1,2,3 - Contract line 1-45% off List
Item 1 - List $3770.00
Item 2 - List $6500.00
Item 3 - List $2600.00
Items 4,5,6 - Contract line 3-20% off List
Item 4 - List $355.00
Item 5 - List $512.00
Item 6 - List $245.00
Contract # 408906

	Total	$7,968.10

Please note that any taxes on this quote are provided as an estimate only. Actual taxes due will be calculated at time of invoicing. Any sales tax exemption or resale certificates should be provided to us upon the acceptance of this quote.

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Print Date: 11/15/2012 3:08 PM

summit
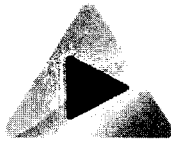INTEGRATION SYSTEMS

Date: 9/18/2012
To: Jennifer Long/NSU
Phone:

From: Scott Albarado (salbarado@summit-sys.com)
Re: **Student Union Room 240 Move with Sympodium & New Speakers Addition**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Summit-SIS-SMT-SP524-NB-Sympodium Widescreen Interactive Display, 24"	02180	$ 2,633.40	$2,633.40
1	Summit-SIS-Mount3- Mount for Display Device	03165	$ 266.65	$266.65
4	Summit-SIS-JBL-Control24CT-4" Ceiling Speakers	03587	$ 111.20	$444.80
1	Summit-SIS-DRA-LVCIII-Electric Screen Low Voltage Controller	02422	$ 188.65	$188.65
26	Summit-SIS-PC-INT- Interconnect Cables	03219	$ 35.00	$910.00
10	Summit Integration Onsite Installation of above State Contract Items	99777	$ 90.00	$900.00
	Total State Contract Items			$5,343.50
	Items not on State Contract:			
1	Labor to run existing bulk cabling or any new cabling needed and labor to move existing equipment not listed above (State Contract Labor is only for new equipment being purchased and cannot be used for moving the old equipment)		$ 2,747.00	$2,747.00
	Total for Non State Contract Items			$2,747.00

summit
INTEGRATION SYSTEMS

Date: 9/18/2012
To: Jennifer Long/NSU
Phone:

From: Scott Albarado (salbarado@summit-sys.com)
Re: **NSU Recital Hall Projection System Quote**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Summit-SIS-SIS-CHR-LX1500, Large Venue Projector, 15000 Lumens, XGA	**01226**	$ 16,699.99	$16,699.99
1	Summit-SIS-Lens4-Specialty Lens for Projector	**03177**	$ 3,200.00	$3,200.00
1	Summit-SIS-Mount4- Mount for Display Device	**03166**	$ 319.99	$319.99
1	Summit-SIS-Mount5- Mount for Display Device	**03167**	$ 373.33	$373.33
8	Summit-SIS-PC-INT- Interconnect Cables	**03219**	$ 35.00	$280.00
1	Summit-SIS-WARR2 - One year extended warranty	**05009**	$ 1,142.85	$1,142.85
37	Summit Integration Onsite Installation / troubleshooting / Project Management, Programming & System Testing	**99777**	$ 90.00	$3,330.00
		Total		$25,346.16
	Items not on State Contract:			
1	NEC Single License Interactive Software for IPAD		$ 299.00	$299.00
1	Netgear 4 Port Wireless Router		$ 99.00	$99.00
		Grand Total		$25,744.16

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[   ]   **Add**

Item Picture	Description	Quantity	Total Quantity	Unit Price	Total Price	🗑
	iPad 2 with Wi-Fi 16GB – Black MC769LL/A Estimated Shipping: 3 – 5 business days	1	1	399.00 USD	399.00 USD	Remove
AppleCare+	☐ I want to include AppleCare Protection Plan. (Check this box and click "Update" to have contract pricing reflected in the cart.) **AppleCare+ for iPad** S4745LL/A					
	iPad Smart Cover – Polyurethane – Light Grey MD307LL/A Estimated Shipping: 3 – 5 business days	1	1	39.00 USD	39.00 USD	Remove

Subtotal :	**438.00 USD**
Estimated Tax :	0.00 USD
Total :	**438.00 USD**

Update   **Checkout**

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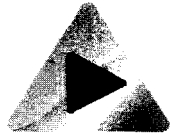
▲ summit
INTEGRATION SYSTEMS

Date: 9/18/2012
To: Jennifer Long/NSU
Phone: 318-357-6482

From: Scott Albarado (salbarado@summit-sys.com)
Re: **Quote for Adding Axis TV System in Student Services**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #409205			
1	Sharp PN-E521 52" Professional LCD Display	02019	$ 2,551.35	$2,551.35
	State Contract #406245			
1	Summit-SIS-Mount5-Mount for Display Device	03167	$ 373.33	$373.33
1	Summit - SIS-AXIS-DCX-Display Device Control	06014	$ 499.00	$499.00
1	Summit - SIS-Interface3-Computer Interface Device	03402	$ 190.21	$190.21
1	Summit - SIS-Interface4-Computer Interface Device	03403	$ 271.43	$271.43
3	Summit - SIS-PC-INT- Cables	03219	$ 35.00	$105.00
25	Summit Installation / troubleshooting / Project Management & System Testing	99777	$ 90.00	$2,250.00
		Total		**$6,240.32**
	Non Contract Items			
1	Visix Channel Player Software License		$ 1,399.00	$1,399.00
1	Visix Player Software Maintenance Agreement- 1 Year		$ 269.00	$269.00
1	Visix Player Remote Implementation Support Service		$ 203.00	$203.00
200	Crestron DM-CBL-8G-P Bulk Cable		$ 0.90	$180.00
1	Labor to run Bulk Cabling in Walls & Ceiling		$ 275.00	$275.00
		Total		**$2,326.00**
		Grand Total		**$8,566.32**

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Corporate Office
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Student Technology Fee Grant Proposal Request Form
Fiscal Year 2011-12
Northwestern State University of Louisiana
ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by: __Dr. Susan T. Pierce__   For: __C. Preston Lowder, SSGA President__

Department/Unit: <u>Nursing</u> College: <u>Nursing & Allied Health</u> Campus: <u>Shreveport & Alexandria</u>

Which NSTEP goals & objectives does this meet?
- <u>University Goal 1</u>: *Create & Maintain a responsive, student-oriented environment*
- <u>Objectives</u>: *Access* (Objs.1-4); *Support* (Objs. 2,3 & 5); *Innovation* (2,3,4,7 & 8) 1,2,3,4,7 & 8

Requested equipment will be located/installed/housed? Building __LB__ Room <u>Media Center</u>
<u>The iPads will be signed out by students for each semester of use.</u>

Does the department requesting funding receive lab fees? (circle one)(YES) NO

Are department property policies and procedures in place for requested equipment? <u>Currently, the department utilizes a form for signing out equipment. That form will be used with the addition of a statement that the student is responsible for lost or damaged property. Jennifer Long is completing a policy that will be followed by the recipients of this grant.</u>

Which individual will be responsible for property control of the requested equipment? (awaiting receipt of policy from J. Long—currently, Gil Gilson (Dir. Of Support Services) and David Lamb (Media Specialist) manage inventory control) or their designee.

Signature: _____ Date: _____

Proposal Requested Amount: __$ 96,091.50__ Budget Attached (circle one): (YES)/NO

Proposal delivered to Student Technology located in Watson Library, Room 113. Date <u>Oct. 30, 2011</u> *(Delivered per email)*

1. Target Audience	Department of Nursing (students in ASN & BSN programs):
	This project targets all third level clinical nursing students, clinical faculty and program directors across multiple campuses and programs (Associate of Science and Baccalaureate of Science in Nursing, Shreveport and Alexandria).
	N = Students (135)
	Faculty (10)
2. Project Initiative	<u>Purpose</u>: To enhance information management and promote core competency development for workforce readiness in clinical nursing students through integration of mobile technology (iPad) as a learning tool: a pilot project.
	<u>Rationale</u>: Nurses are knowledge workers who use information derived from patient

assessment, patient health records and research evidence to plan, deliver and evaluate safe, effective care on a continuum that crosses time and settings. Because of the complexity of this challenge, nurses need tools that can serve as resources for data input, data aggregation, information exchange and evidence seeking. These tools need to be accessible at the point-of-care and the time-of-need, allowing the nurse to make critical clinical decisions and communicate information collaboratively among the multi-disciplinary team. President Obama's Affordable Care Act mandates full implementation of digital health/medical records by 2014. Subsequently, all information needed by nurses will be electronic.

> *For instance, a nurse enters a diabetic patient's hospital room and assesses that the patient is confused, sweating and has changes in his vital signs (heart and respiratory rates, blood pressure). The nurse needs immediate access to this patient's lab work, vital sign history, medication record and diet in order to make critical decisions about nursing interventions to restore this patient's stability. Further, the nurse needs immediate access to the physician and other members of the interdisciplinary team to communicate the change in the patient's status. Finally, the nurse is legally bound to accurately document patient status in the patient's health record. Time is a critical factor at each step in this scenario.*

Each of these information management activities can be best supported by having the information needed accessible at the time and place of care delivery—at the bedside—allowing the nurse to stay with the patient during the crisis and still have access to critical information and communication mechanisms. Patient safety and the quality of care are enhanced and the patient's outcomes are improved.

In healthcare settings nationwide, tablet technologies are being integrated into care settings to support the work processes of nurses. From the clinical practice perspective, it is important that NSU nursing students be afforded the opportunity to utilize state-of-the-science tools to prepare them to enter the workforce job ready. From the nursing education perspective, implementation of iPads supports the Quality and Safety Education for Nurses (QSEN) initiative established by the Robert Woods Johnson Foundation (2005). QSEN identified *six competencies* essential for integration throughout nursing curricula to assure accountable and safe practice. iPad technology will enhance development of *each competency* in the clinical setting and associated *content mastery* in the didactic courses in multiple ways:

	- *Patient-Centered Care (Competency 1)* – access to and development of tools for patient health education; development of nursing care plans and concept maps (daily learning tools required in the clinical setting) - *Teamwork & Collaboration (Competency 2)* – electronic communication tool to promote information exchange directed at effective patient management; student-to-student collaboration for group projects - *Evidence-Based Practice (Competency 3)* – access to research based information to facilitate decision-making about best practice; access to electronic textbooks (*most nursing texts can be bundled with the e-books at minimal cost difference to the student*) and reference tools to support learning objectives - *Quality Improvement (Competency 4)* – data management to document and evaluate the effectiveness of nursing interventions on patient outcomes; integration of research strategies within the learning environment, including access to research and patient care articles to increase information currency. - *Safety (Competency 5)* – point-of-care access to critical information to guide decisions about care; access to planning tools for developing nursing care plans; access to electronic information resources - *Informatics (Competency 6)* – access to tools for data management and documentation about patient care; integration with the electronic health record associated with clinical and the simulation lab; data-mining to support nursing research; pushing patient education using social networks; teaching patients to build and maintain electronic personal health records Outcome: This pilot project will provide data to determine the efficacy of implementing program-wide mobile information management tools (iPads) for all clinical students in keeping with the practice environment across healthcare. Impact: Technology integration is essential to maintain competitiveness in a field. It is anticipated that this forward moving project will enhance the quality of the nursing program, subsequently, enhancing Northwestern's prominence among universities and helping to distinguish the CONAH as a leader among the growing number of nursing and allied health programs in the area and the state. It is expected that this project will positively influence both enrollment and retention of students.
3. Measurable Impact Objectives	The objectives for this project are: 1. To describe actual uses of iPad technology by clinical nursing students 2. To determine the efficacy of broad implementation of iPads as learning tools for clinical nursing students

4. Project Objective Evaluation Methods	Both qualitative and quantitative data will be collected. Focus groups will be conducted prior to iPad distribution at the beginning of third level to describe student perceptions for *expected* use and at the end of the third level to describe student perceptions of *actual* use. A pre-test and post-test questionnaire will also be administered regarding usability and perceptions of the effect of useon learning outcomes. The initial findings will be compared to the post implementation findings to evaluate the efficacy of the broad implementation of iPads for clinical students. Comparisons can be made to reflect similarities and differences across programs also.	
5. NSTEP Objectives		
	1. To improve access to technology by students, faculty, and staff at Northwestern State University.	1. iPads will allow students to integrate technology into both clinical and didactic settings to support both student learning and clinical practice
	2. To provide classrooms with updated technology and multimedia.	2. While this technology is not tethered to the classroom, iPads will be support technology for students in the classroom setting (note-taking, resource access, communication)
	3. To upgrade laboratories with modern technology	3. While this technology is not tethered to the lab, iPads will enhance the simulation lab experience through interface with the electronic health record and access to reference tools. Also, clinical is considered a lab—the iPad applications support clinical directly as tools for information management
	4. To improve and proliferate the use of distance education within all colleges at NSU.	4. Communication capabilities of iPad technology will allow anytime communication among faculty and students across multiple campuses; third level courses are taught as distance learning courses over the system
	7. To encourages technology initiatives by faculty, staff, and students.	7. Because this project targets clinical students and faculty, there will be shared learning about the current and future implementation and implications for iPads as clinical learning tools.
	8. To encourage innovation and research.	8. Because the iPads can be interoperable with the electronic health record (EHR) software, they will serve as rich data repositories for both clinical and educational research. Faculty can use student data in educational research and mentor students in mining of clinical data for clinical nursing research

6. Project Justification (see Budget : Element #13)	6. This pilot project will serve: • 135 clinical nursing students representing two campuses (Shreveport and Alexandria) and in two nursing programs (Associate and Baccalaureate Nursing). • Each student participant will have use of the iPad for either two or three clinical semesters until graduation, depending on program.** • Some of the unique needs of clinical nursing students for mobile technology that supports all aspects of information management and interdisciplinary collaboration include: (1) point-of-care access to information to support clinical decision-making; (2) information exchange across settings (ex. Home visits in the community health rotation); (3)development of informatics competencies to be job ready for the technology driven healthcare environment; (4) experience interfacing with the electronic health record.
7. Parties Responsible for Implementation & their Qualifications	Third level faculty will assume the responsibility for implementation of the project to include distribution, tracking, training, data collection, data analysis and reporting. The SSGA officers or designees will collaborate with the third level faculty and administration to develop recommendations regarding broad implementation of iPads based on summative data at the conclusion of the study. All faculty involved are users of Apple technology. One faculty is doctorally prepared in Educational Technology and has ten years experience in teaching research and nursing informatics at the undergraduate level and evidence-based practice at the graduate level, and therefore, is fully qualified for project management and the leading the team in the conduct of educational research.
8. Support Personnel	8. Technical personnel are not required for support of this project. The iPad is a user friendly device supported with a plethora of online tutorials and documentation provided by Apple, Inc. and accessible to all student and faculty users. Shared leadership between faculty and students in application strategies to support and drive implementation is expected. Super users will be identified and periodic review of utilization will be conducted.
9.Implementation & Evaluation Schedule	9. If funded, the iPads will be ordered for immediate delivery with anticipation of receipt prior to the start of the Spring, 2012, semester (projected 4-5 day delivery once ordered). Pre-project data will be collected the first week of the semester in the orientation meeting of the clinical course. Then, the iPads will be distributed the first week of the semester to all 3rd level students and faculty with an orientation provided. Following conclusion of the clinical experiences at the end of the semester, the post-project data will be collected. The data will be analyzed during the summer and reported in Fall, 2012. <table><tr><td>2011 December</td><td>Order iPads</td></tr><tr><td>2012 January</td><td>Collect pre-project data (focus groups & survey)</td></tr><tr><td>2012 January</td><td>Distribute iPads (after data collection) Conduct orientation to technology and software</td></tr><tr><td>2012 Feb. - May</td><td>Monthly utilization reviews</td></tr></table>

	2012 May	Collect post-project data (focus groups & survey)
	2012 June-July	Data analysis; create report of findings
	2012 August	Submit report to interested parties Make recommendations based on findings to administration
10. Hardware Life Expectancy & 5-yr. Upgrade Plan	10. The lifecycle of the iPad is contingent on the development of advanced technology that makes the tool obsolete. However, the operating system and software can be updated (free) regularly, delaying the likelihood of obsolescence over a 5 year projection. Students will be encouraged to maintain the upgrades of their individual devices; at the end of each semester, each iPad can be checked for upgrades.	
11. Property Security & Loan Policy	A contract will be initiated between the student and the CONAH/University upon loan of the iPad. The contract will specify that the student is responsible for damages incurred or loss. Currently, the CONAH has in place such a document that is used by students and faculty when borrowing equipment. Once the new policy is completed by Jennifer Long, the CONAH will adopt that policy.	
12. Departmental Lab Fees	While CONAH students are assessed lab fees with each clinical course, those fees are minimal and designated to cover the costs of supplies such as sterile catheter trays, intravenous tubing and fluids, sterile dressing trays and medication administration equipment (syringes, mock medicines, etc.). These fees are fully utilized for the designated purpose and are insufficient to support iPad technology.	

13. Detailed Budget	Product	Part #	Quantity	Unit Price	Total
	iPad 2 with Wi-Fi 16 GB - Black	MC769LL/A	145	$499.00	$72,355.00
	Apple Care Protection Plan	S3788LL/A	145	79.00	11,455.00
	iPad 2 Smart Cover Polyurethane – light gray	MD307LL/A	145	39.00	5,655.00
				Project Total	$96,091.50
	Impact: (based on BSN program utilization plan)** 145 users X 662.70 = $96,091.50 $96,091.50 = $32,030.50 (project cost per 3 semesters use**　　　　　　semester)			$662.70 (estimated project cost per user)	$220.90 (estimated cost per user per semester)

	$32,030.50		
	$\frac{\$32,030.50}{145\text{ users}}$ = $220.90 (project cost per user per semester) $220.90 X 2 semesters = $441.80 (project cost per user per academic year)		

** BSN students will use the iPads 3 semesters, but ASN will use them only 2 semesters because the ASN curriculum is four clinical semesters compared to five clinical semesters in the BSN program.

Student Technology Committee
Northwestern State University

Dear Committee Members,

The Apple Store (U.S.)   http://store.apple.com/AppleStore/WebObjects/HEDCustom.wo...

Questions? Need Advice? Call 1-800-800-2775   Help   Account   Cart

Review your Proposal.

▸ Please confirm your Proposal.

▸ Click on the Create Proposal button to send this
Proposal to your Apple Authorized Purchasing Agent.

Items you have selected	Part No.	Est Ship	Qty	Unit Price	Ext. Price
iPad 2 with Wi-Fi 16GB – Black	MC769LL/A	3-5 business days Remove	1	$499.00	$499.00
AppleCare Protection Plan for iPad – Auto-enroll	S3788LL/A	In Stock Remove	1	$79.00	$79.00
iPad 2 Smart Cover – Polyurethane – Light Gray	MD307LL/A	3-5 business days Remove	1	$39.00	$39.00

Subtotal   Please note that your subtotal does not include sales tax or rebates.   **$617.00**

[Delete this cart]

Apple Part Number _____

[_____]   [Update Subtotal]

▸ Save for later

[Continue shopping]   [_____]

Order Status

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October 28, 2011

Student Technology Committee
Northwestern State University

Dear Committee Members,

On behalf of the students enrolled in clinical nursing courses, we want to express our support for the proposed pilot project investigating the effectiveness of the use of iPad technology on the learning environment. iPads are being integrated nationally across clinical practice settings to manage patient data and to access research evidence for clinical decision-making. Point-of-care tools that are interoperable with the electronic health record (EHR, mandated by the government to be in place by 2014) are expected to be essential tools for documentation, document exchange, communication and access to evidence to improve patient safety and improve the quality of patient care.

It is important that our students experience every opportunity that prepares them for the practice environment. Competency in the application of technology in clinical practice is essential to assure their competitiveness in the current workforce. iPad integration will enhance NSU nursing students' state of readiness. Further, the devices will be used as study tools and sources of research information through their capacity to store textbooks, reference manuals (ex. laboratory and drug guides) and apps designed explicitly for nursing. They will support the delivery of health education to patient populations through the use of social media or as one-on-one instruction to a particular patient, critical to quality care. The iPads will enable students in community practice settings to communicate dynamically with faculty when providing care, a method to extend the faculty capacity to supervise multiple students. These are but a few of the significant uses for the tools.

In summary, incorporation of cutting edge technologies is an excellent recruitment tool for the University, demonstrating the leadership and vision of the College of Nursing & Allied Health. So, it is with a sincere belief that this plan is merited that this project is recommended for consideration in this round of funding.

Sincerely,

Dr. Norann Planchock   Date
Dean, CONAH
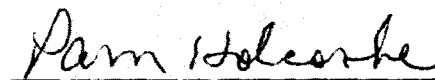
Dr. Pam Simmons   Date
~~Director, BSN Program~~ Department Head, Nursing

Ms. Linda Copple, MSN, RN   Date
~~Department Head, CONAH~~ Director, BSN program

Ms. Pam Holcombe, MSN, RN   Date
Director, ASN Program

Dr. Debra Clark   Date
Chair, Learning Resource & Instructional Technology
Committee

Ms. Susan Snell, MSN, RN, FNP   Date
Chair, Simulation Committee

Student Technology Fee
Special Initiative Request Form
Fiscal Year 2012-13
Northwestern State University of Louisiana

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by: David Antilley II   For: NSU TV/MASS COMM in Kyser Hall

Department/Unit: Lang & Comm/NSU TV College: Arts, Letters, GS & Research Campus: Main
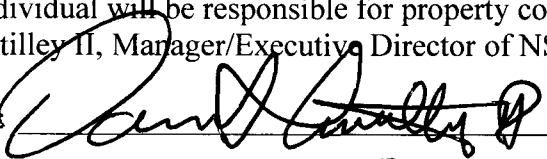
Which NSTEP Goals/Objectives does this project meet? 1, 2, 5 & 7

Requested equipment will be located/installed/housed? Building: K yser Hall   Room: 104A

Are department property policies and procedures in place for requested equipment?   Yes

Which individual will be responsible for property control of the requested equipment?
David Antilley II, Manager/Executive Director of NSU TV

Signature: _____   Date: 7-2-12 _____

Proposal Requested Amount: $ 3,489.05   Budget Attached (circle one): YES/NO

Proposal delivered to Student Technology located in Watson Library, Room 113. Date_____

The proposal must include all specifications, description, model number, quotation, cost, state contract number, and vendor for each item. If the proposal does not include all requested information, it will be retuned to requestor.

---

1. Describe target audience.

Northwestern State University communication majors and minors as well as any non-communication students taking classes in the Lang/Comm Department are the target audience. The citizens of the city of Natchitoches and the students of Northwestern State University who view NSU TV. The people that will view graduation and any other programs that we web-stream for NSU on the internet.

---

2. Describe project/initiative for which you are requesting funds.

The students in the mass communication classes will use the new equipment in the production of classroom assignments and projects. The new Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone will allow our students the chance to get out of the studio and work on projects around the campus. It will also replace a system that was purchased in 1988. The

---

current system is used to video tape and web-stream all graduation ceremonies, NSU's Lady of the Bracelet pageant and sports events on campus.

---

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

A. Student projects and assignments will be used to determine the impact/effectiveness of the equipment.
B. All students taking appropriate mass communication classes will complete semester reviews of classes and teachers.

---

4. Indicate how each project objective will be evaluated.

A. Student projects and assignments will be used to determine the impact/effectiveness of the equipment.
B. NSU TV staff will watch and listen to reviews of the programs and the quality of the output of NSU TV programs that will be taped while using the new Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone.

---

5. 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?

The objective that will be advance if this project was funded include:
1. To improve access to technology by students, faculty, and staff at Northwestern State University. (New Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone, this equipment will replace equipment that was purchased in 1988 and technology has made many advancements since it was purchased.)
2. To provide classrooms with updated technology and multimedia. (We would use the Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone in classes to show students how to setup on-location intercom system and give students hands-on experience with new technology.)
5. To upgrade and maintain the campus communication network and infrastructure. (New Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone will be used to help us communicate during the web-streaming of different events on NSU campus.)
7. To establish processes that encourages technology initiatives by faculty, staff, and students. (New Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone equipment would give both students and faculty/staff the ability to do more hands on work around campus and learn more about the new technology.)

With the funding of this project the university would be upgrading not only equipment for students' use but also the upgrade for the quality of production of NSU TV and university programming. NSU TV can broadcast over Sudden Link Cable and CP-Tel Cable 24 hours a day and can provide students and the citizens of Natchitoches any information that the university needs to broadcast. With the flip of a switch the president, the university chief of police or any other emergency official can broadcast over the air. The upgrade will enable NSU TV and the university to transmit a broadcast quality product that will be seen and heard without any dropouts or distortion. The new Intercom Base Unit, Belt Pack/Headsets and Wireless

Microphone would also allow programming to happen from more locations on campus and not just be restricted to just the NSU TV studio.

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

If our students are to remain competitive for jobs in the mass communication field, they need to learn not only the equipment we have in the studio but additional equipment and skills needed for remote broadcast. Different companies use different equipment and if our graduates can go into a job interview knowing different systems; that will give them an advantage over students from other universities that only teach one. With the new Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone, it will give our students a chance to do real hands on work with state of the art technology in the production of graduation, LOB, campus sporting events and other on campus production. President Webb requests our assistant to video tape graduation each year for not only the stage guest to have a copy of the ceremony but also to provide the video and audio for the live web-streaming that can be seen by anyone on the internet.

A. We offer 2 to 4 class a semester with over 50 students in those classes that would get to use the new Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone.
B. NSU TV is broadcast over Sudden Link Cable and CP-Tel Cable and reaches about 10,000 households as well as every campus dorm room. NSU TV is watched by NSU students and the citizens of the city of Natchitoches and surrounding communities. During Hurricane Gusta and Ike, NSU TV aired around-the-clock weather information about the hurricanes and its locations until the electricity failed and we were forced off the air. This was the only local weather information provided. NSU TV provided the citizens of this community and the students of NSU the information they need to help them plan for the hurricanes. A local bank president told faculty/staff members that he watched NSU TV during the hurricane because it was the only local coverage and he could go to the channel at any time during the day and get a live update on what was going on with the hurricanes.
C. NSU Graduation and other events on campus that we web-stream is watched by not only people in Natchitoches and on NSU's campus but by people all over the world. By having the new equipment we would be able to do more web-streaming for the university to allow people everywhere the ability to watch and hear what is going on at NSU.

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.

David Antilley II, Manager/Executive Director of NSU TV will be responsible for the Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone. David has been at NSU since 1992 and has worked with TV equipment for more then 30 years.

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

Student workers and practicum students will help the staff mentioned above with the day-to-day operation of the Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone.

9. Provide a schedule for implementation and evaluation.

A. The equipment will be set up as soon as it is received by the department. The equipment will go into use as soon as it is set up and checked out to make sure everything is running correctly.

B. Evaluations will take place as soon as students start using the equipment. Evaluations will be conducted weekly by the teachers in charge of the classes using the equipment and by NSU TV staff. Current projects that the students will be working on include NSU graduations, NSU's Lady of the Bracelet Pageant and NSU sporting events to name a few. All projects and events are run by NSU Students with the supervision of NSU TV staff.

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

The estimated lifespan of the equipment is about 15 to 20 on the Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone, depending on wear and tear. Our current intercom base unit was originally purchased in 1988 and lasted for over 20 years.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Technology Fee.
If you are requesting equipment that will be either/or checkout to students or moved within the department, you must provide a checkout/loan policy.

The Intercom Base Unit, Belt Pack/Headsets and Wireless Microphone will be stored with our remote road production equipment will be located in Kyser Hall room 104B when not in use in the field. This room is locked around the clock and only staff members of NSU TV have keys to the room.

12. Attach a detailed budget.

Budget attacked.

Budget for Grant Proposal

Item	Quantity	Description	Unit Price	Total Price
1	1	Clearcom Intercom Basestation MS-702	$1,270.00	$1,270.00
2	1	Production Intercom Beltpack BP-1	$199.00	$199.00
3	1	Production Intercom Dual Muff Headset DMH 320	$149.00	$149.00
4	1	Production Intercom Single Muff Headset SMH 310	$109.00	$109.00
5	4	Pearstone BP-970 Lithium-Ion Battery Pack	$99.95	$399.80
6	12	Pearstone CGR-D16 Lithium-Ion Battery Pack	$29.95	$359.40
7	3	Bescor LED-70 Dimmable 70W Video Light	$79.95	$239.85
8	1	Sony Wireless Microphone System UWP-V6 30/32	$763.00	$763.00

Total Cost: $3,489.05

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Main Office P.O. Box 1719 - Ruston, LA 71273 - (800) 352-7222 - (318) 251-5626 - Fax (318) 255-3363

PROPOSAL
2012- 1
Date: 5/29/12
LA Contr. Lic. #39354

Proposal submitted to:	Project Reference
Client Northwestern State University	Audio equipment
Address St. Denis Hall	
City, St. Natchitoches, La. 71497	**System Description:**
Contact David Antilley	Wireless system

QTY.	ITEM	DESCRIPTION	EACH	EXTENDED
1	UWP-V6 30/32	Sony wireless system w/ plug in transmitter, bodypack	762.97	762.97
		transmitter, lavalier microphone, portable receiver	0.00	0.00
			0.00	0.00
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			0.00	0.00
	Hardware	Installation Hardware for items above		0.00
	Rack Items	Rack with audio dist., power strip and shelves for equipment		0.00
	Cables	Premade cables needed for system integration		0.00
	Connectors	Connectors needed for system integration		0.00
	Wire	Bulk wire for system integration		0.00

SALESPERSON		Equipment Sub-Total		$762.97
		Sales Tax	0.00%	0.00
		Installation Labor & Site Expenses		Not Included
This quote is valid for 30 days.		Freight		14.29

Deposit of 50% required. Net due on delivery of equipment. Other terms available by prior approval.	**TOTAL**	**$777.26**

NOTE: QUOTE DOES NOT INCLUDE ANY ALLOWANCE FOR ELECTRICAL OR CABINET WORK UNLESS NOTED ABOVE.

Sign here (or attach PO) if you accept the terms of this quotation>	Date:

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americanaudioinc.com

Main Office P.O. Box 1719 - Ruston, LA 71273 - (318) 251-5626 - Fax (318) 255-3363

Proposal submitted to:	January 27, 2012	**Project Reference**
Client Northwestern State University		Intercom
Address St.Denis Hall		
City, St. Natchitoches, La.		**System Description:**
Phone 318-357-4417		Headset/beltpack
Email antilleyd@nsula.edu		

QTY.	ITEM		DESCRIPTION	EACH	EXTENDED
1	BP-1		Production Intercom beltpack	199.00	199.00
1	DMH320		Production Intercom headset	149.00	149.00
1	SMH310		Production Intercom single muff headset	109.00	109.00
1	MS-702		Clearcom intercom basestation	1,270.00	1,270.00
				0.00	0.00
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				0.00	0.00
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				0.00	0.00
	MSS	HDWE	Installation Hardware for items above		0.00
	MSS	Rack	12 space rack with power strip and shelves for equipment		0.00
	MSS	Cables	Premade cables needed for system integration		0.00
	MSS	Connectors	Connectors needed for system integration		0.00
	MSS	Wire	Bulk wire for system integration		0.00

SALESPERSON		Equipment Sub-Total	$1,727.00
SALESMAN'S NAME		Sales Tax 8.50%	0.00
		Installation Labor & Site Expenses	Not Included
This quote is valid for 30 days		Freight	29.00

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🛒 0 items - **$0.00**

Wish List | Track Order

B&H

800.606.6969 / 212.444.6615

Our NYC SuperStore will be OPEN on Wednesday, July 4th from 10:00am to 7:00pm EDT

Home   Professional Video   Batteries & Power   On Camera Batteries   **Pearstone BP-970**

Pearstone BP-970 Lithium-Ion Battery Pack (7.2V, 7200mAh)

email   print   **Tweet**   Like   0

PEARSTONE

Price: $99.95

1   🛒 **ADD TO CART**

Calculate Shipping

In Stock   🔲 **ADD TO WISHLIST**

B&H # PEBP970   Mfr# BP-970

(24 reviews)   write a review

Product Highlights
- Replaces Canon BP-970

What item is right for you?
Ask our Experts!
800.606.6969   **Live Chat**

🔍 IMAGE ZOOM

Overview   **Specifications**   **Customer Reviews**   **Accessories**

The **BP-970 Lithium-Ion Battery Pack** from **Pearstone** is designed to replace the Canon BP-970 battery. Small and lightweight, Lithium-Ion batteries can be charged or discharged at any time without developing memory effects.

Essential Accessories   What's in the Box

Battery Chargers & Plates   Show more>

Pearstone - Compact AC-DC Charger for BP-915, BP-930, BP-945, BP-950G & BP-970G Batteries
Price: $24.95

Add to Cart | Add to Wishlist

What's in the Box

Pearstone BP-970 Lithium-Ion Battery Pack (7.2V, 7200mAh)
- 1-Year Limited Warranty

See any errors on this page? Let us know.

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Wish List | Track Order

Our NYC SuperStore will be OPEN on Wednesday, July 4th from 10:00am to 7:00pm EDT

Home   Camcorders   Batteries & Power   Camcorder Batteries   **Pearstone CGR-D16**

Pearstone CGR-D16 Lithium-Ion Battery (7.4V, 2200mAh)

email   print   **Tweet**   Like   0

PEARSTONE

Price: $29.95

Calculate Shipping
In Stock

B&H # PECGRD16   Mfr# CGR-D16

(5 reviews)   write a review

Product Highlights
- Replaces Panasonic CGR-D16, CGR-D220, & Hitachi DZ-BP16

Shop Used Dept. from $18.95

1

🛒 **ADD TO CART**

⊡ ADD TO WISHLIST

What item is right for you?
Ask our Experts!
   800.606.6969   **Live Chat**

🔍 IMAGE ZOOM

Overview   Specifications   Customer Reviews   Accessories

The **Pearstone CGR-D16 Lithium-Ion Battery** (7.4V, 2200mAh) is a replacement for the Panasonic CGR-D16, CGR-D220, & Hitachi DZ-BP16. Small and lightweight, Lithium-ion batteries can be charged or discharged at any time without developing memory effect. Don't wait for your one and only battery to charge before you can record again, carry a spare and keep on shooting.

Essential Accessories   What's in the Box

Battery Chargers & Plates   Show more>

Pearstone - Compact AC/DC Battery Charger for Panasonic CGR-D08/D16/D28
Price: $24.95

Add to Cart | Add to Wishlist

What's in the Box

Pearstone CGR-D16 Lithium-Ion Battery (7.4V, 2200mAh)
- 1-Year Limited Warranty

See any errors on this page? Let us know.

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Welcome, **Login/Register**

🛒 0 items - **$0.00**

800.606.6969 / 212.444.6615

Wish List | Track Order

Our NYC SuperStore will be OPEN on Wednesday, July 4th from 10:00am to 7:00pm EDT

Home   Professional Video   On Camera Lighting   On Camera Lights   **Bescor LED-70**

Bescor LED-70 Dimmable 70W Video & DSLR Light

email   print
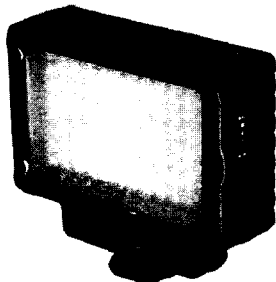
bescor

Price:	$79.95
Instant Savings:	-$20.00
Offer ends JUL 31 '12	
You Pay:	**$59.95**

1   🛒 ADD TO CART

Free Shipping (USA)

In Stock

🔲 ADD TO WISHLIST

B&H # BELED70   Mfr# LED-70

(220 reviews)   write a review

Protect Your Purchase

⦾ 2-Year: $10.99

⦿ No coverage

Learn More

Product Highlights

- Ultra Bright 70W Beam
- 96 Individual 5mm LED Bulbs
- Fully Dimmable
- 30 Foot Throw
- AC/DC Power Capability
- Uses 4 AA Batteries
- 1 Hour Run Time
- 4300°K Correction Filter

What item is right for you?

Ask our Experts!

800.606.6969   **Live Chat**

Remember the Essentials

Batteries or an external power supply is required but not included with this item. Please be sure to purchase batteries or an external power supply that suits your needs.

IMAGE ZOOM

Overview   Specifications   Customer Reviews   Accessories

The **Bescor LED-70** is an on-camera, dimmable, daylight balanced (6500°K) LED light designed to combine bright output with a compact, highly flexible form factor. Powered by either 4 standard AA batteries or an optional AC power adapter, the unit's 96 LED bulbs produce an ultra bright, 70W-equivalent beam with a reach of up to 30 feet. Suitable for both video and DSLR cameras, the LED-70 includes a clear frosted filter for softening glare as well as an amber 4300°K correction filter for shooting indoors.

LED Technology

LED technology offers lamp longevity, low power consumption, daylight balanced illumination and never gets hot to the touch.

DC or AC Power

This light utilizes 4 alkaline AA batteries or rechargeable NiMH AA batteries for its power source. With an optional 6VDC/1.5A adapter, it can also run off AC power.

Wide Array

The LED-70 offers a wide array of 96 individual 5mm LEDs for a wide beam that illuminates up to 30 feet.

Dimmable, Ultra Cool

This light housing offers full dimmer control with ultra cool running capabilities.

Amber & Frosted Filters

The included 4300° amber filter provides a softer, more natural lighting effect, while a frosted clear filter helps to smooth and even the light's tone while reducing glare. Filters are easily removed from the unit's

Essential Accessories   What's in the Box

Batteries & Power   Show more>
Required item:

Bescor - AC-6070 AC Adaptor for LED-70
Price: $17.75

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Pearstone - NM-4H23 4 AA NiMH Batteries (2300mAh) with 4 Hour Charger (110-240V)
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