

Student Technology Fee

Grant Proposal

2018.008

FY 2018-19

emailed  
12/10/18

Ron Wright

Comment: Potential cost savings on equipment

Tracy Brown *TB*

Comment: \_\_\_\_\_

Shawn Parr *SP*

Comment: \_\_\_\_\_

Chris Parish *CP*

Comment: \_\_\_\_\_

Heath Fitts *H.F.*

Comment: \_\_\_\_\_

FF #8

Northwestern State University  
Request for Student Technology Fee Project Funds

Project Summary and Signature Form

Title of Project: <b>Enhancing Radiologic Technology Instruction Utilizing Enhanced Digital Imaging</b>	
Department / Organization: <u>School of Allied Health</u>	
Project Contact(s): <u>Dr. Joel Hicks</u>	
What is the expected number of students this project will serve the first year: <u>80</u>	
<p><b>Summary of Project:</b></p> <p><u>Purpose:</u> The purpose of this proposal is to request funding for two computers on which digital images will be stored and two large monitors for displaying radiographic images in the radiologic science laboratories in Shreveport and Alexandria.</p> <p><u>Rationale:</u> The viewing of radiographic images is one of the most important skills for a radiologic technologist to possess. Whether assessing the radiographic image for proper exposure factors, or critiquing an image to ensure correct patient positioning, radiologic technologists must be able to quickly and accurately assess radiographic images in their daily professional practices. Currently, NSU students review images using x-ray "film" and view (light) boxes; however, these technologies are obsolete in workplace practice, including private physician offices. NSU graduates will never encounter x-ray "films" in their careers, making this grant request essential to providing cutting-edge radiographic imaging in the learning laboratory environments on NSU's campuses.</p> <p>Faculty have converted the older x-ray films to digital images, comprising several hundred images for student use in their review and assessment exercises. Students in both junior level and senior level clinical courses will be able to will be able to use the monitors for image critique. This will provide an immediate benefit to the students as they rotate through their clinical rotations, as the digital images will mimic what they see in their clinical sites and later, in practice. This improved technology will foster student learning and the employability of NSU graduates in radiologic technology in the future.</p>	
Signature of Project Contact: <u>Joel Hicks</u>	Date: <u>10/23/18</u>
Signature of Department Head: <u>Joel Hicks</u>	Date: <u>10/23/18</u>
Signature of Appropriate Dean: <u>Dana Clawson</u>	Date: <u>10/23/18</u>

Northwestern State University  
Request for Student Technology Fee Project Funds

<b>Requested equipment will be located/installed/housed in:</b>	<b>Shreveport:</b> <u>Warrington, Rm. 227</u> <b>Alexandria:</b> <u>Rapides, Rm. 303</u>
Does the department requesting funding charge lab fees?	<b>YES</b>
Are departmental property control policies and procedures in place for requested equipment?	<b>YES</b>
<b>Who will be responsible for property control of the requested equipment and how will you secure and monitor access to moveable equipment?</b>	<p>Joel Hicks will be responsible for the equipment in Shreveport, and Kendall Delacerda will be responsible for the equipment in Alexandria. Both rooms where the equipment will be installed are locked when not in use. Only faculty have access to the two rooms.</p>
<b>List those individuals who will be responsible for the implementation of the project and describe their demonstrated abilities to accomplish the outlined objectives.</b>	<p>The Director of the School of Allied Health (Joel Hicks) will be responsible for the implementation of the project. He has facilitated the implementation of computers and software on a previous Board of Regents grant.</p>
<b>List any personnel (technical or otherwise) required to support the project/initiative.</b>	<p>Tracy Brown and Antoinette Carter have both been contacted regarding this request and are aware of the installation plans.</p>
<b>Provide a timeline for implementation.</b>	<p>Both monitors could be installed within several weeks of receiving the equipment. It is projected that the monitors, if funded, could be fully functional by the beginning of the spring 2019 semester; this would be timely for the use by the Spring 2019 entering cohort of clinical students.</p>
<b>Estimate the expected life of any requested hardware and software. Explain any anticipated equipment/software upgrades over the next five years.</b>	<p>The lifespan of the equipment would match the typical lifespan of a large display monitor (estimated 100,000 hours <a href="https://lcdtvbuyingguide.com/lcdtv/lcdtv-lifetime.shtml">https://lcdtvbuyingguide.com/lcdtv/lcdtv-lifetime.shtml</a>). There are no anticipated upgrades.</p>

Northwestern State University  
Request for Student Technology Fee Project Funds  
Budget Summary

Title of Proposal: Enhancing Radiologic Technology Instruction Utilizing Enhanced Digital Imaging

College / Department / Organization: School of Allied Health

Project Contact(s): Dr. Joel Hicks

I. PROPOSED BUDGET:

	Student Tech Fee Money Requested	Funding from other Sources	Project Total
A. Equipment	<u>\$6444.98</u>	<u>                    </u>	<u>\$6444.98</u>
B. Software	<u>0</u>	<u>                    </u>	
C. Supplies	<u>0</u>	<u>                    </u>	
D. Shipping/Handling	<u>0</u>	<u>                    </u>	
E. Installation	<u>0</u>	<u>                    </u>	
F. Other Expenses (Identify)			
1.	<u>                    </u>	<u>                    </u>	<u>                    </u>
2.	<u>                    </u>	<u>                    </u>	<u>                    </u>
3.	<u>                    </u>	<u>                    </u>	<u>                    </u>
4.	<u>                    </u>	<u>                    </u>	<u>                    </u>
5.	<u>                    </u>	<u>                    </u>	<u>                    </u>
G. Total Costs:	\$6,444.98		\$6,444.98

**Detailed Budget Request**

**NOTE: All equipment quotes have been secured by Information Technology personnel**

Item: Optiflex 760 MFF
Qty: <u>2</u> Price/each: <u>\$746</u> Total Price: <u>\$1492</u>
Is there a recurring cost associated with this item? <u>No</u> If so, how much? _____

Item: Logitech MK520 Wireless Keyboard and Mouse
Qty: <u>2</u> Price/each: <u>\$43</u> Total Price: <u>\$76</u>
Is there a recurring cost associated with this item? <u>No</u> If so, how much? _____

Item: C2G 2m USB Extension Cable - USB 2.0 A to A - Male to Female - 6ft Black - USB extension cable - 6.6 ft
Qty: <u>2</u> Price/each: <u>\$9.50</u> Total Price: <u>\$19</u>
Is there a recurring cost associated with this item? _____ If so, how much? _____

Item: Sony - 75" Class - LED - X850F Series - 2160p - Smart - 4K UHD TV with HDR
Qty: <u>2</u> Price/each: <u>\$2299</u> Total Price: <u>\$4598</u>
Is there a recurring cost associated with this item? <u>No</u> If so, how much? _____

Item: Sanus - Premium Series Advanced Tilt TV Wall Mount For Most 42" - 90" TVs - Extends 5.75" - Black
Qty: <u>2</u> Price/each: <u>\$129.99</u> Total Price: <u>\$259.98</u>
Is there a recurring cost associated with this item? <u>No</u> If so, how much? _____

Item:
Qty: _____ Price/each: _____ Total Price: _____
Is there a recurring cost associated with this item? _____ If so, how much? _____

Item:
Qty: _____ Price/each: _____ Total Price: _____
Is there a recurring cost associated with this item? _____ If so, how much? _____

Item:
Qty: _____ Price/each: _____ Total Price: _____
Is there a recurring cost associated with this item? _____ If so, how much? _____

Item:
Qty: _____ Price/each: _____ Total Price: _____
Is there a recurring cost associated with this item? _____ If so, how much? _____

Item:
Qty: _____ Price/each: _____ Total Price: _____
Is there a recurring cost associated with this item? _____ If so, how much? _____