

# UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

**Video Projection for Metalwork and Jewelry**

Title

**Daniel DiCaprio**

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Name of Submitter  
*(Faculty or Staff Only)*

**College of the Arts / Department of  
Visual Arts**

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Organization

Title: Video Projection for Visual Arts Classroom Date: 2/21/2018  
Name (Contact Person): Daniel DiCaprio  
Address: 120 Catherine St. Lafayette, LA 70503  
Phone Number: 337-230-3976 Email: [dandicaprio@louisiana.edu](mailto:dandicaprio@louisiana.edu)  
Department/College/Org: Visual Arts/College of the Arts

**ABSTRACT (250 words or less):**

The Metalwork and Jewelry concentration plays an important role in the Department of Visual Arts. In addition to Visual Arts majors, there are students from around the University that take the introduction to Metalwork and Jewelry class. Students in pre-dental programs are often encouraged to take this course as a way to improve their hand-eye coordination and gain experience using precision hand tools. Metalwork and Jewelry requires an attention to detail greater than many other concentrations in Visual Arts and can therefore benefit students' craftsmanship in all disciplines.

This grant will invest in video projection equipment to be used during demonstrations so that students are able to see the small, precise work that is being shown. Without proper magnification it can be hard to see what is being demonstrated, and for a classroom full of students they can't always see this process if they aren't close enough. Demonstrations are often repeated for students on an individual basis because they weren't able to see the detail the first time through.

This grant will buy monitors to be mounted at several demonstration areas around the classroom as well as the video camera, tripod, and necessary cables. This equipment will magnify the process being shown allowing students to see the work as close, if not closer, than from the instructor's perspective. Eventually these recordings will be used as a digital resource library for students to refer to outside of class, freeing up class time for discussions, critiques, and individual assistance with work.

**a. Purpose of grant and impact to student body as a whole**

The purpose of this grant is to improve technical demonstrations in the Metalwork and Jewelry classroom through the use of video projection equipment. The students will understand processes easier when they are able to see demonstrations from the instructor's perspective being projected on a monitor. This will free up class time because the instructor can assist students on their own work, rather than repeating demonstrations for students that were unable to see. Eventually these demonstrations will all be recorded and will be available for students to access outside of class, which would make more time for discussions, critiques and individual assistance with student work.

**b. Projected lifetime of enhancement**

This grant will purchase high resolution monitors and a video camera that will last approximately 10 years if not more. This grant will purchase a rugged, high quality camera that can remain functional for the foreseeable future.

**c. Person(s) responsible for**

Assistant Professor Daniel DiCaprio will be responsible for the implementation, installation, maintenance, and operation of all equipment.

**d. The narrative of the proposal must include the purpose and justification for each of the items listed in the Budget Proposal.**

- i. Canon EOS Rebel 80D DSLR Camera with 18-135mm lens and kit      **\$1,500****  
The camera is to be used for documenting the demonstrations. The 18-135mm lens will allow for wide angle or tight zoom in the video.
- ii. Vangaurd Alta Pro 263 AB 100 Aluminum Tripod Kit      **\$170****  
The tripod is to support the camera with easy adjustments allowing for steady video footage.
- iii. (2) Samsung 32" 1080p LED monitor      **\$250 (2) = \$500****  
These two monitors will be positioned around the room where demonstrations are done but there is less space for a larger monitor.
- iv. Samsung 40" 1080p LED monitor      **\$330****  
This larger monitor will be used at the main demonstration area.
- v. (3) Articulating TV wall mount      **\$40 (3) = \$120****  
The articulating wall mounts will allow the monitors to be positioned at the correct angle on the wall and to tuck them out of the way when not in use.
- vi. (3) 15' HDMI to HDMI mini cables      **\$15 (3) = \$45****  
These cables will connect the camera directly to the monitors for live demonstrations or to a laptop for video recording.

2. Complete the Budget Proposal form.

## **Budget Proposal**

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1.	<b>Equipment</b>	<b>\$ 2,665</b>
2.	<b>Software</b>	<b>\$ 0</b>
3.	<b>Supplies</b>	<b>\$ 0</b>
4.	<b>Maintenance</b>	<b>\$ 0</b>
5.	<b>Personnel</b>	<b>\$ 0</b>
6.	<b>Other</b>	<b>\$ 0</b>

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**TOTAL:** **\$ 2,665**

3. Include any additional information relevant to your application.  
N/A
4. Discuss all previous funded STEP projects (if any).  
No previous STEP projects have been funded.

**ONE ELECTRONIC COPY (Microsoft Word or Adobe PDF) OF  
PROPOSAL SHOULD BE EMAILED TO**

[stepproposal@louisiana.edu](mailto:stepproposal@louisiana.edu)  
**BY DEADLINE DATE.**

**For additional submission instructions and deadlines,  
please visit <http://cio.louisiana.edu/step-process>**

**NO HARD COPY SUBMISSIONS WILL BE  
ACCEPTED!**



Quote Number	ULL Bourgeois Hall Judo Room Jun2018
Company:	ULL
Contact:	
Address:	
City, St Zip	Lafayette, LA
Date	07/03/18

Scope of Work:

Qty.	Part #	Manufacturer	Description	Price Each	Extension
1	PN-LE901	Sharp	90" Commercial LED Display	\$6,332.00	\$6,332.00
3	PN-LE801	Sharp	80" Commercial LED Display	\$3,912.00	\$11,736.00
1	NET-GS110TP-	Netgear	8 Port PoE Gigabit Network Switch	\$214.71	\$214.71
1	GM-MISC	TV Armor	90" TV Protective Enclosure	\$2,076.67	\$2,076.67
3	GM-MISC	TV Armor	80" TV Protective Enclosure	\$1,907.33	\$5,721.99
4	XTM1U	Chief	X-Large Flat Panel Tilt Wall Mount	\$287.20	\$1,148.80
2	WMA1S	Chief	Camera Wall-Mount	\$118.40	\$236.80
2	CMS012	Chief	12" Fixed Extension Column	\$28.16	\$56.32
2	999-9917-000	Vaddio	RoboSHOT 30 PTZ Camera System	\$5,670.87	\$11,341.74
2	998-9100-200	Vaddio	Camera Dome Enclosure	\$675.13	\$1,350.26
1	WX014388-0000001	Middle Atlantic	40RU SR Series Equipment Rack & Accessories	\$3,455.33	\$3,455.33
1	CP3	Crestron	3-Series Control Processor	\$1,200.00	\$1,200.00
1	TSW-760-B-S	Crestron	7" Capacitive Touchpanel	\$933.33	\$933.33
1	TSW-760-RMK-1	Crestron	Rack-Mount Kit	\$133.33	\$133.33
4	DM-RMC-SCALER-C	Crestron	DigitalMedia Scaling Receiver	\$933.33	\$3,733.32
1	DM-TX-200-C-2G-B-T	Crestron	DigitalMedia VGA & HDMI Transmitter Wallplate	\$933.33	\$933.33
1	DM-MD8x8	Crestron	DigitalMedia 8x8 Matrix Switcher (Config'd 5x8)	\$9,866.67	\$9,866.67
1	GM-MISC	Crestron	iPad Control App	\$133.33	\$133.33
1	60-1324-01	Extron	SMP351 Streaming/Recording Media Processor	\$3,193.33	\$3,193.33
1	60-1508-02	Extron	ShareLink 200N Wireless Presentation Gateway	\$1,126.67	\$1,126.67
1	26-566-03	Extron	12' Micro VGA Cable w/Audio	\$44.00	\$44.00
1	26-663-12	Extron	12' HDMI Ultra Series Cable	\$60.00	\$60.00
14	26-663-03	Extron	3' HDMI Ultra Series Cable	\$33.33	\$466.62
1	26-655-01	Extron	DP-M to HDMI-F Adapter	\$33.33	\$33.33
2	MQDA2LL/A	Apple	iPad Pro 12.9" w/WiFi	\$1,066.65	\$2,133.30
1	LX-PNADJ-WH	Luxor	Pneumatic Height Adjustable Lectern	\$223.27	\$223.27
11	LX-STUDENT-P	Luxor	Pneumatic Height Adjustable Desk	\$250.00	\$2,750.00
3	OH1	Polar	Heart-Rate Monitors, Pack of 10	\$732.00	\$2,196.00
1	TesiraFORTÉ CI	Biamp	DSP w/AEC	\$2,198.67	\$2,198.67
2	GLXD14/PGA31	Shure	Digital Wireless System w/Headworn Microphone	\$446.67	\$893.34
1	GLXD24/SM58	Shure	Digital Wireless System w/Handheld Microphone	\$433.33	\$433.33
6	PRX415M	JBL	15" 2-Way Loudspeaker System	\$559.97	\$3,359.82
2	PRX418S	JBL	18" Subwoofer	\$763.97	\$1,527.94
3	GCDI2x300-U-US	Crown	2 Channel 300w DriveCore Amplifier	\$732.00	\$2,196.00
1	GCDI2x600-U-US	Crown	2 Channel 600w DriveCore Amplifier	\$932.00	\$932.00
2	13-398	BALLance	Stability Ball Chair, Set of 6	\$158.67	\$317.34
2000	24-4P-P-L5SH-BLK	Liberty	Plenum, Shielded Cat5e Cable (per foot)	\$0.67	\$1,340.00
2500	16-2C-P-BLK	Liberty	Plenum, Unshielded 16ga Speaker Cable (per foot)		\$675.00
500	22-2P-PINDSH-BLK	Liberty	Plenum, Shielded 2-Pair 22ga Audio/Control Cable (per foot)	\$0.36	\$180.00

<b>Parts</b>	\$86,883.89
<b>Labor</b>	\$32,045.00
<b>Shipping</b>	\$0.00
<b>Project Subtotal</b>	<b>\$118,928.89</b>
<b>Sales Tax</b>	\$0.00
<b>Project Total</b>	<b>\$118,928.89</b>

Quote Number	ULL Bourgeois Hall Judo Room Jun2018
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**Assumptions:**

Unfettered access to all work areas during established working hours (8:30a-5:00p). Weekend and holiday hours are available at additional cost. All electrical supplied by other. Go Media LLC. PROVIDES NO ELECTRICAL SERVICES OF ANY KIND. All existing or provided equipment or systems that will be integrated into this system must be functioning within normal manufacturer's operating parameters. Customer will provide a safe and secure environment for integration services to be performed. All permits and fees provided by others. All training and system demonstration provided by Go Media LLC

**Conditions:**

All work will be done between- 8:30 AM through 5:00 PM. Deviation from scope of work or additional work not specified will constitute a change order and additional cost to client. Project delays, including unscheduled meetings, outside of Contractor's control, including but not limited to delay by other trades or customer, could result in additional cost to customer. All after hour work and weekend work shall be invoiced at 1.5 normal rates.

**Payment Terms:**

Parts total required prior to ordering, remaining balance due at job completion. Special payment terms available upon request and approval.

**Customer Acceptance Agreement Statement**

Your signature on this document constitutes a contractual agreement between Go Media LLC and your organization for the services and products listed above. Please review the document before signing.

Customer Signature authorized agent of \_\_\_\_\_ ULL

\_\_\_\_\_ Title

\_\_\_\_\_ Date

Printed Name

**Go Media LLC Acceptance**

Authorized Go Media LLC Signature \_\_\_\_\_

\_\_\_\_\_ Title

\_\_\_\_\_ Date

Printed Name

Proposal Submitted by:



Gerald Broussard  
Go Media LLC  
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Lafayette, LA 70508  
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