

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

**Fletcher Hall: Room 211 Smart Classroom for
Remote Teaching**

Title

Donny Broussard

Name of Submitter

(Faculty or Staff Only)

College of the Arts

Organization

Title: Smart Classroom Upgrades in Fletcher Hall, Room 211 **Date:** July 16, 2020
Name: (Contact Person): Donny Broussard
Address: College of the Arts
Phone Number: 337-482-1428 **Email:** donny@louisiana.edu
Department/College/Org: College of the Arts

Abstract

This proposal is for upgrades to the smart classroom in Fletcher Hall, room 211. Such systems normally have a lifespan of approximately five years, but the existing system in JLF 211 is over three times that old.

Room 211 is one of the most used classrooms in the College (architecture, design, visual arts). It is used as a lecture space, as a location for students to present multidisciplinary multi-media projects, and as a venue for guest speakers. Because of its growing importance for students, I present this proposal for a sustainable plan for regular hardware updates in JLF 211.

Advances in technology means that our students and faculty have very different needs as compared to ten years ago, and that need has only grown post COVID 19. This proposal would update our presentation and audio equipment to meet today's multi-media needs, and allow for lecture streaming, and distance learning. Currently JLF 211 serves an average of 180 students during the spring and approximately 200 during the fall semester, as well as visiting speakers. This grant will have a very large impact on the College of the Arts student body.

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

The purpose of this grant is to replace and update the entire smart classroom system in JLF 211. The present system was purchased over fifteen years ago, and problems with file compatibility, audio issues, and outdated video formats remain unresolved. The current equipment in the classroom often shuts down, delaying class, and even sometimes causing classes to be canceled.

Since an update of equipment for JLF 211 is long overdue, this proposal requests the purchase and installation of a new smart classroom and presentation system, including all audio components. The system will be complete (as opposed to patching together existing components, or purchasing components gradually over time), and ready to use immediately after installation.

Room 211 is a valuable space for students with multiple uses. First, it is used as a classroom with a capacity to seat 45 students. Second, it is used as a critique space for our juniors and seniors. Third, it is used as a lecture space for guest speakers. During an academic year the room is also used for final project presentations, and screenings.

This new smart classroom will transform JLF 211 as a classroom. It will allow for student projects to be seen as they were meant to be seen and faculty to be able to teach knowing that the equipment in the room will work. It will provide a space for students to display and comment upon their own media-based work as developed during their degree study in fields such as graphic design, computer animation, photography, music media, and so on. Collaborative projects by faculty and students from several arts areas could be supported by this space as well, as for example the milt-disciplinary projects funded through SPARK Collaborative Grants.

This room would also be available for public presentations of faculty and student work during our annual Festival of the Arts (our most important fundraising week of the year), and during other symposia and community-related events.

b. Projected lifetime of enhancement.

The smart classroom should last five to eight years, the computer and software four to five years, at which point replacement is recommended.

c. Person(s) responsible for.

- i. Implementation: Donny Broussard, Director, Digital Media Resource Center (College of the Arts)
- ii. Installation: Go Media, Inc.
- iii. Maintenance: Donny Broussard
- iv. Operation: Donny Broussard
- v. Training (with qualifications): Donny Broussard and Staff of the Digital Media Resource Center

d. Purpose and justification for each of the items listed in the Budget Proposal.

We are requesting a Full Featured Smart Classroom at the cost of \$28,335.41 (quote and breakdown on next page) and a Desktop Enhanced – Dell Optiplex 7000 Series with Monitor \$1,295 from PC Depot, with \$29,630.41 being the total for the entire proposal.

Budget Proposal

1. **Equipment** \$29,630.41

2. **Software** \$0.00

3. **Supplies** \$0.00

4. **Maintenance** \$0.00

5. **Personnel** \$0.00

6. **Other** \$0.00

TOTAL: \$29,630.41



Quote Number	UL Fletcher 211 July2020
Company:	Univ of Louisiana
Contact:	Donny Broussard
Address	
City, St Zip	Lafayette, LA
Date	07/20/20

Scope of Work: Fletcher Multimedia Room Note: Electrical power and computers provided by university.

Qty.	Part #	Manufacturer	Description	Price Each	Extension
1	PT-VMZ50U7	Panasonic	5000 WUXGA Lumen Lampless Projector	\$2,631.94	\$2,631.94
1	NET-FS108PNA	Netgear	8 Port Switch - 4 PoE	\$113.61	\$113.61
1	999-99010-000	Vaddio	RoboSHOT 12E Qmini System	\$4,435.97	\$4,435.97
1	20877LS	Da-Lite	65" X 104" Electric Contour Screen	\$1,367.50	\$1,367.50
1	CMS440	Chief	Drop-Ceiling Projector Mount	\$111.67	\$111.67
1	CMS006	Chief	6" Extension Pole	\$15.75	\$15.75
1	RPMBU	Chief	Universal Projector Mount Bracket	\$220.00	\$220.00
2	VT1	Middle Atlantic	1RU Vent Panel	\$14.58	\$29.16
2	VT2	Middle Atlantic	2RU Vent Panel	\$18.06	\$36.12
1	RC-2	Middle Atlantic	2RU Clamping Rack Shelf	\$65.97	\$65.97
1	PD-915R-SP	Middle Atlantic	9 Outlet Rack Mount Power Bar w/Series Surge Protection	\$492.36	\$492.36
1	PD-28-SP	Middle Atlantic	2 Outlet Compact Series Surge Protection Device	\$218.75	\$218.75
1	26-571-06	Extron	12' 3.5mm Audio Cable	\$5.56	\$5.56
1	70-283-01	Extron	IR Emitter and Shield Kit	\$30.56	\$30.56
1	26-616-01	Extron	HDMI to DVI Adapter	\$27.78	\$27.78
1	60-1238-83	Extron	IN1608Xi Switcher 70v Amplifier	\$2,812.50	\$2,812.50
1	60-1271-13	Extron	DTP Receiver (HDMI)	\$333.33	\$333.33
1	60-600-02	Extron	MLC226IP Touch Panel	\$1,062.50	\$1,062.50
1	70-1097-03	Extron	3 Gang Mount box for MLC226	\$159.72	\$159.72
2	26-663-12	Extron	12' HDMI Ultra Series Cable	\$65.28	\$130.56
4	26-663-03	Extron	3' HDMI Ultra Series Cable	\$36.11	\$144.44
1	26-566-03	Extron	12' Micro VGA w/Audio Cable	\$45.83	\$45.83
1	42-141-03	Extron	2x2 Ceiling Speakers	\$354.17	\$354.17
1	70-1045-02	Extron	Cable Cubby 500	\$208.33	\$208.33
1	60-1697-01	Extron	Cable Cubby Power w/USB	\$270.83	\$270.83
1	Podium 26	Exact	26' Podium with Cable Cubby 500 Cutout	\$1,837.50	\$1,837.50
75	254246AFBK1000	West Penn Wire	HDBaseT Certified Cat 6A Plenum Cable, 1ft	\$1.06	\$79.50
75	25225BBK1000	West Penn Wire	Plenum 16g Stranded, Unshielded Speaker Cable, 1 ft	\$0.25	\$18.75
75	D25430GY1000	West Penn Wire	Plenum 2p 22g, Individually Shielded Mic/Control Cable	\$0.44	\$33.00
1	BDP-S3700	Sony	Blu Ray Player	\$111.10	\$111.10
1	AT-ATR2X-USB	Audio Technica	3.5mm to USB Adapter	\$18.42	\$18.42
1	TD2421	Viewsonic	24" Monitor	\$401.39	\$401.39
1	ER45295026	Ergotron	LX Desk Mount Tall pole	\$236.14	\$236.14
1	SB902	Shure	Spare Rechargeable Lithium Ion Battery	\$27.78	\$27.78
1	MX418S/C	Shure	18" Gooseneck Microphone	\$229.17	\$229.17
1	GLXD14R/93	Shure	Digital Wireless Lavalier Microphone System	\$605.56	\$605.56
1	PX-30E	ELMO	Digital Document Camera		\$2,793.06
1	AV/TL 1214BD	BMS	Document Camera Trey Lock	\$74.13	\$74.13

Parts	\$21,790.41
Labor	\$6,545.00
Shipping	\$0.00
Project Subtotal	\$28,335.41
Sales Tax	\$0.00
Project Total	\$28,335.41