

University Technology Fee Advisory Board (UTFAB) Preliminary Project Proposal

**Fill out and return via email by Oct. 3, 2008 to Jason.Huitt@Colostate.edu
If accepted, you will be asked to give a formal presentational to the UTFAB**

1. Title of Proposal: Smartroom upgrade to Animal Sciences 114
2. Submitting unit
 - a. Name: College of Agricultural Sciences
 - b. Department number: 1101
3. Submitting individual
 - a. Name: Ed Peyronnin
 - b. Department name and number: College of Agricultural Sciences 1101
 - c. Telephone number: 1-5583
 - d. E-mail address Ed.Peyronnin@colostate.edu
4. Total 1-year request: Total estimated project cost from Classroom Services: \$21,685

5. Description of the project (limit to ½ page):

Install projector speakers, Blue Ray player and enclosed, wall-mounted distribution unit with a cover to protect from possible water spray. Replace existing motorized 4 X 3 resolution screen with the new standard 16 X 10 screen.

Animal Sciences 114 is a specialized lecture room for Animal Sciences students. Instruction includes bringing in live animals and classroom lecture. Periodically, the floor has to be cleaned by spraying down with a hose. Water spray may damage electronics equipment. Doug Satterfield of classroom services and I evaluated the best way to implement the standardized Smart classroom. The media distribution panel would be mounted on the wall in an enclosed box. All other elements would be set up as a typical university smart classroom. Estimate is attached.

6. Approximate schedule for the project – UTFAB Bylaws require that all proposals include a 3-year project plan. Please describe the timeline for your project, and address sustainability (limit to ½ page):

Smart classroom will be scheduled and installed based on classroom services schedule.

7. Please provide a discussion of how the systems will be supported (limit to ¼ page):

Once complete, systems will fall to the department for maintenance.

8. Please provide a discussion of how users will be supported (limit to ¼ page):

Users (instructors) will use their own laptop to plug into the system. College help-desk support is available for assistance.

9. Please describe benefits to students, in accordance with UTFAB funding criteria (see Article VII of the UTFAB Bylaws (<http://utfab.colostate.edu/page/UTFAB-Bylaws.aspx>) :

As it exists now, the room configuration does not even support using a projector. Once completed, the room will have multi-media and network connectivity for classroom instruction.

10. UTFAB is required to submit budgets in accordance with Student Fee Review Board (SFRB) budget categories. Please provide a 1-year budget in the following SFRB categories.

- I. Personnel
 - i. Career staff (salary and benefits)
 - ii. Graduate assistants (salary and benefits)
 - iii. Non-student support (salary and benefits)
 - iv. Student hourly (salary and benefits)
 - v. Work study
 - vi. Total personnel
- II. Travel
- III. Materials and supplies
- IV. Other expenses
- V. Utilities
- VI. General and administrative costs
- VII. Cost of sales (for resale)
- VIII. Total request

Use the space below to describe and explain the above budget, including how the above budget fits in with the 3-year plan.

Animal Science 114 Estimate			
9/25/2008			
Qty.	Description	Price	Ext.
1	Hitachi CP WX625 HD Data Projector	\$3,000.00	\$3,000.00
1	Chief RPMA163 projector mount	\$200.00	\$200.00
1	Premier PPFCMA Ceiling Tile replacement	\$95.00	\$95.00
1	Sonic Shock Projector Alarm	\$65.00	\$65.00
1	Middle Atlantic DWR-16-22 Wall-Mounted Equipment Rack	\$600.00	\$600.00
1	Dalite 34548L Advantage Electrol Motorized Screen, 69" x 110", 16:10, Da-Mat Screen Surface, Integrated Low Voltage Control.	\$3,000.00	\$3,000.00
1	Extron MPS-112 Presentation Switcher	\$455.00	\$455.00
1	Extron MTP-T-15HD-RS Transmitter (VGA & RS-232 over CAT5)	\$260.00	\$260.00
1	Extron MTP-RL-15HD-RS Receiver (VGA & RS-232 over CAT5)	\$305.00	\$305.00
1	Extron HDMI-201 HDMI Extender over CAT5	\$500.00	\$500.00
1	Panasonic DMP-BD30K Blu-ray DVD Player	\$500.00	\$500.00
1	Middle Atlantic - RSH4A2M	\$120.00	\$120.00
1	QSC - RMX 850 Audio Amp	\$350.00	\$350.00
6	QSC - AD-CI52ST Ceiling Speakers	\$150.00	\$900.00
1	DBX 215 Dual 15-band 2/3-octave EQ	\$200.00	\$200.00
1	Middle Atlantic SECL-8 Hinger Plexiglass Security Cover	\$75.00	\$75.00
1	Crestron CP2E Controller	\$915.00	\$915.00
1	Crestron TPS-6L Color Touch Panel	\$1,250.00	\$1,250.00
1	Crestron RMK-6l Touch Panel Rack Mount Kit	\$145.00	\$145.00
1	Crestron PW-2420RU Power Supply	\$140.00	\$140.00
1	Rack mounted A/V Interface Panel	\$175.00	\$175.00
1	APC ES Series BE350R Battery Backup	\$40.00	\$40.00
	Materials, cables, hardware and supplies		\$500.00
65	CSS Installation	\$65.00	\$4,225.00
16	CSS Crestron Control System Programming	\$65.00	\$1,040.00
2	Electrical outlets for lectern and projector charged by Facilities	\$315.00	\$630.00
1	Removal of old Electric Screen and reinstallation of new by Facilities	\$2,000.00	\$2,000.00
	Equipment total:		\$13,290.00
	Installation total:		\$5,265.00
	Materials total:		\$500.00
	Construction total:		\$2,630.00
	Total:		\$21,685.00