

Date: July 16, 2013
To: Classroom Review Board
From: Rusty Scott
Re: Minutes of May 14, 2013

Members present: Jack Brouillette, Kristi Buffington, Pat Burns, Dave Carpenter, Stephanie Clemons, Debi Colbert, Julia Murphy, Al Powell, Doug Satterfield, Rusty Scott, and Jon Sorkin

Members absent: Steve Hultin, C.W. Miller, and Andrew Olson

1. Approval of Minutes

The minutes from April 9, 2013 were unanimously approved.

2. Updates

a. Flipped classrooms – S. Clemons

The concept was presented to two groups, the Committee on Teaching and Learning, and the Associate Deans and Alan Lamborn. Reports were also sent to the Associate Deans, Paul Thayer, and Alan Lamborn as a member of an ad-hoc committee for the Provost concerning student success. Summary attached.

Discussions include the possibility of identifying potential rooms for this instruction model, furniture and technology requirements, funding and the impact it has on capacity. The possibility of flipping one room for the Fall 2013 semester will be discussed with Classroom Scheduling. Also, a follow-up with Jake Roberts (Physics) regarding his project in Engineering will take place.

b. Room scheduling software status – J. Murphy

Work continues with Eric Hamrick from Purchasing to develop a sole source justification. EMS requiring needs a 16 week lead time for training. A project timeline is being developed for bringing the system up and populating it with data. System scheduled to come up in first phase in the fall of 2013.

c. FY13 CRB Budget – D. Satterfield

The list of yearend items for purchase was approved. List attached.

d. Student Orgs/'adopt a building' program for classroom upkeep – K. Buffington/R.Scott

Met with the directors of SLiCE (Student Leadership, Involvement, and Community Engagement) and discussed the complexity of the problem and the need to involve the students further when they return in the fall.

d. HABIC request for space – D. Carpenter/R. Scott

The School of Social Work has approved used of a departmental classroom for this activity.

3. A/Z W205 request for projectors - R. Scott

Noreen Reist, Biomedical Sciences, has requested a dual projector configuration for W205 A/Z. D. Satterfield is working with Tony DeKrey, Facilities project manager, to explore options. The room is scheduled to be remodeled this summer. Request is attached.

4. Engineering II GA Classroom – J. Murphy/R. Scott

a. DFP Designation

Request has been received from Tom Siller, Associate Dean, College of Engineering, for DFP designation. The designation was approved but will require updates to more specifically define the need. Request is attached.

- b. Technology updates – R. Scott
Mark Ritschard, Assistant Dean, College of Engineering, has indicated that the lecture capture equipment is on hold until additional funding is secured and will be coordinated through Classroom Support Services when appropriate.
5. BYOD/PRS update – D. Carpenter/R. Scott
Demos of different BYOB devices demonstrated the dynamic and developing nature of these products. They also vary widely with respect to their breadth of features. Based on this technology needing time to gel and there has not been a large need from the faculty, the board will continue to watch this developing technology without any formal endorsement.
6. Next meeting, TBD.

Flipped Classroom Report

Report from CoTL

Feedback –

- Good idea.
- Before they spend a lot of money on this, we already have a lot of flat classrooms.
- Buy different furniture for already existing classrooms.
- The classrooms with attached furniture, in some of the newer classrooms, (Clark A and Rockwell west), make it awkward to break into groups.
- Additional screens for projecting in flat classrooms needed (e.g. Eddy 8)

Report from Associate Deans

Good idea. Use existing flat classrooms. We have many that are in need of upgrades. Agreed to collect names from faculty. See names below.

College of VMBS

BIOMEDIAL SCIENCES

Winger, Quinton
Miller, Charles
Roess, Deborah
Madl, James
Magee, Christianne

ENVIRONMENTAL AND RADIOLOGICAL HEALTH SCIENCES

Blehm, Kenneth

MICROBIOLOGY, IMMUNOLOGY AND PATHOLOGY

Zabel, Mark
Taylor, Jennifer
Suchman, Erica
Schenkel, Alan
Deines, Susan

College of Natural Sciences

Steve Strauss
Melissa Reynolds
Alan Van Orden
Debbie Crans

Warner College of Natural Resources

Hello Stephanie,

There is a lot of interest in the flipped classroom here in WCNR as many faculty are already doing this type of teaching in some sort of fashion. There are a few classrooms both in the NR Building as well as Wagar that could be good candidates. Below is a list of faculty who are interested in this discussion.

-peter

FISH WILDLIFE AND CONSERVATION BIOLOGY
Drs Doherty and Huyvaert

HUMAN DIMENSIONS OF NATURAL RESOURCES
Dr. Brett Bruyere

GEOSCIENCES
Dr. Dennis Harry

College of Health and Human Sciences

SCHOOL OF TEACHER EDUCATION AND PRINCIPAL PREPARATION (STEPP)
Jim Folkestad

SCHOOL OF EDUCATION
Bill Timpson
Dan Robinson (plan to do research study with Timpson)
Sharon Anderson
Laurie Carlson

DESIGN AND MERCHANDISING
Stephanie Clemons

FOOD SCIENCE AND HUMAN NUTRITION

I will be assuming the department head position on July 1, and have queried as many faculty as I can in the short time allotted. We have a new program that will be starting in Fall of 2013, a B.S. in Fermentation Science, and some of the faculty in this program may have an interest in this program. One thing we have planned is to have a room that would be converted from a lecture format to a sensory testing format and to be used for some Flip teaching potentially. We also have a large program related to education and training of Colorado Extension specialists that I could see might benefit from a classroom with these capabilities. Some of the faculty involved in these programs include Marisa Bunning, Martha Stone, Susan Baker; although none have directly stated that they want to take part in a pilot program. Nonetheless we are interested in considering this form of technology.

Michael Pagliassotti

HUMAN DEVELOPMENT AND FAMILY STUDIES

From the videos, most of our classes seem too big (75-300 students). However, we do have several who are interested for our capstone course and for our internship course (and if there is a way to do this for bigger classes, then we'd likely have more uptake – in fact, folks seem to really like the concept). Actually our internship course has 80 students in it, so maybe not so applicable....

Anyway, these folks are interested in the pilot:

For HDFS 492, Senior Seminar (capstone, 25 students per section), **Ashley Harvey, Lisa Daunhauer, Jenn Matheson**

For HDFS 477 (Internship), **Jen Aberle**

For HDFS 320 (a smaller course, 50 students or so, in language and cognitive development): **Lisa Daunhauer**

Lise M. Youngblade, PhD
Professor & Department Head

OCCUPATIONAL THERAPY

Barb Hooper

SCHOOL OF SOCIAL WORK

Kristin Danhoff
Nancy Banman
Jennifer Parker

College of Agriculture

Marshall Frasier from DARE

Attachment #2

CRB - FY13 - Classroom Equipment Spare - Year End request list

Equipment Requests		
Projectors	Price Per Unit	Requested Total
2 Panasonic PT-VW300	\$900.00	\$1,800.00
1 Panasonic PT-VW430	\$1,300.00	\$1,300.00
2 Panasonic PT-FW430	\$1,600.00	\$3,200.00
Speakers		
2 Extron Ceiling speakers (pair)	\$255.00	\$510.00
1 JBL Control 25 wall speaker (pair)	\$280.00	\$280.00
Audio Amps		
2 Extron - XPA1002	\$400.00	\$800.00
3 Roemtech - PMA 245H Ceiling amp	\$200.00	\$600.00
Control systems/touch panels		
2 Crestron CP2E Controller	\$1,000.00	\$2,000.00
2 Crestron TPS 6L Touch Panel	\$1,250.00	\$2,500.00
2 Crestron 24 Volt P.S.	\$150.00	\$300.00
Switchers		
1 Kramer VP730 switcher/scaler	\$1,250.00	\$1,250.00
1 Extron IN1606 Presentation switcher	\$1,400.00	\$1,400.00
Audio Control Devices - DSP/Mixers		
1 Extron MVC 121+	\$284.20	\$284.20
1 Extron DMP 44LC	\$460.00	\$460.00
Blurays/DVD players		
5 Panasonic - DMP77K	\$100.00	\$500.00
Doc Cams		
3 Wolfvisions VZ3	\$2,100.00	\$6,300.00
1 Roomview Programming Help	\$3,000.00	\$3,000.00
1 Laptop for CES/CMS Support	\$1,000.00	\$1,000.00

VOIP Conference Phones

2	Polycom Soundstation IP 6000	\$450.00	\$900.00
2	Polycom Soundstation IP 7000	\$550.00	\$1,100.00

Allen / CES Equipment Requests

5	Green laser pointers	\$50.00	\$250.00
5	Wireless presenters – Clickers	\$60.00	\$300.00
1	Anchor Audio portable PA systems	\$2,500.00	\$2,500.00
2	Anchor Microphones for replacement	\$150.00	\$300.00
2	8' screen Da Lite Tripod	\$300.00	\$600.00
3	6' screen Da Lite Tripod	\$240.00	\$720.00

\$34,154.20

Attachment #3

From: "Reist,Noreen" <Noreen.Reist@colostate.edu>
Date: Wed, Apr 24, 2013 5:03 pm
Subject: AZ W205 REMODEL
To: "Burns,Patrick" <Patrick.Burns@ColoState.EDU>

Hi Pat,

See the e-mails below regarding my request for two independent projectors in the remodel for W205 in the Anatomy/Zoology building. Any help in getting this included in the plans for the remodel would be greatly appreciated!!

Thanks,
Noreen

Dr. Noreen E. Reist phone: 970-491-5882
Professor
fax: 970-491-7907
Dept. of Biomedical Sciences
e-mail: reist@colostate.edu

Colorado State University

Fort Collins, CO 80523-1617

Department: <http://www.cvmb.colostate.edu/bms/>
Research: <http://www.cvmb.colostate.edu/bms/reist.htm>

From: <Reist>, CSU <Noreen.Reist@Colostate.edu>
Date: Wednesday, April 17, 2013 3:09 PM
To: "Conn,William" <William.Conn@ColoState.EDU>
Cc: Tod Clapp <Tod.Clapp@colostate.edu>, clay <Colin.Clay@ColoState.edu>, "Tamkun,Michael" <Michael.Tamkun@ColoState.EDU>
Subject: Re: AZ W205 REMODEL

Hi Bill,

Just a quick update after talking to you in the office. I was looking at W205 and there are already three screens and one projector present in the room. All of these are of sufficient quality to meet my needs. So no additional materials, beyond those already in the plans, would need to be purchased to have two projectors and two screens.

I also looked at the setup in W118 again. One difference that would be very helpful for me would be to have two cables that would connect to devices brought in by the faculty. In W118 there are two independent projectors, but only one cable to connect to the instructors laptop (the second projector can then be run from equipment permanently installed at the podium). As I would like to teach using my laptop AND an iPad, having two cables for connecting peripheral devices would be better.

Thanks,
Noreen

p.s. We can add BMS 301, Human Gross Anatomy, to the list of courses where a second projector would enhance the teaching capabilities.

Dr. Noreen E. Reist phone: 970-491-5882
Professor fax: 970-491-7907
Dept. of Biomedical Sciences e-mail: reist@colostate.edu
Colorado State University
Fort Collins, CO 80523-1617

Department: <http://www.cvmb.colostate.edu/bms/>
Research: <http://www.cvmb.colostate.edu/bms/reist.htm>

From: <Conn>, William <William.Conn@ColoState.EDU>
Date: Saturday, April 13, 2013 10:47 PM
To: CSU <Noreen.Reist@Colostate.edu>
Cc: clay <Colin.Clay@ColoState.edu>, "Tamkun, Michael" <Michael.Tamkun@ColoState.EDU>, Tod Clapp <Tod.Clapp@colostate.edu>
Subject: RE: AZ W205 REMODEL

Noreen, I will set up a meeting with Facilities and Classroom Services to go over the technology. Thanks, Bill

Sent from my Motorola Smartphone on the Now Network from Sprint!

-----Original message-----

From: "Reist, Noreen" <Noreen.Reist@colostate.edu>
To: "Conn, William" <William.Conn@ColoState.EDU>
Cc: "Clay, Colin" <Colin.Clay@ColoState.EDU>, "Tamkun, Michael" <Michael.Tamkun@ColoState.EDU>, "Clapp, Tod" <Tod.Clapp@ColoState.EDU>
Sent: Fri, Apr 12, 2013 14:59:50 MDT
Subject: RE: AZ W205 REMODEL

Dear Bill,

While I don't understand specifics on plans, it's my understanding that after the remodel W205 will still only have one projector. Worse still, it looks like the screen mounted on the west wall is scheduled to be removed. I desperately need two independent projectors and two screens in this classroom. I've been requesting this for years and been told that we should be able to accomplish this the next time the room is remodeled.

Without a second projector installed, I will be forced to continue using an overhead projector for my second projector (at minimum the west screen must stay). The students HATE the overhead projector and with good reason. The quality of the images are terrible. When I use the iPad and the built in projector for the same material, the students can actually see everything I'm trying to show them. But I need both my powerpoint projection AND the iPad projection. The powerpoint shows the whole anatomical pathway (i.e., overview), while the iPad (or overhead) shows where this pathway is located in individual brain sections (i.e., specifics). Neither projection can be seen clearly on the overhead projector by any of the students and can't

been seen at all by those in the back. Please, please, please add a second independently controlled projector and screen to the plans. Something similar to the projector set up in W118 would be perfect. However, simply repositioning the projector and screen that are currently in the room (and scheduled for removal) would accomplish my goal.

W118 has this capability and Dr. Fails will readily tell you how much it improves the quality of her teaching in Veterinary Functional Anatomy (VM 616) and Veterinary Neurobiology (VM 619). Two independent projectors with screens are absolutely essential for effective teaching in BMS 345, Functional Neuroanatomy for undergraduate students. Having this capability would also enhance the teaching capabilities in BMS 405, Nerve and Muscle-Toxins, Trauma, and Disease, and BMS 450, Pharmacology. Once the capability is present, it is quite likely that additional faculty will utilize it to enhance their teaching too. Please feel free to contact me if you have any questions regarding this request.

Sincerely,
Noreen

Dr. Noreen E. Reist phone: 970-491-5882
Professor fax: 970-491-7907
Dept. of Biomedical Sciences e-mail: reist@colostate.edu
Colorado State University
Fort Collins, CO 80523-1617

Department: <http://www.cvmb.colostate.edu/bms/>
Research: <http://www.cvmb.colostate.edu/bms/reist.htm>

Attachment #4

MEMORANDUM

TO: CLASSROOM REVIEW BOARD
FROM: TOM SILLER, ASSOCIATE DEAN, COLLEGE OF ENGINEERING
SUBJECT: DEPARTMENT FIRST PREFERENCE FOR ENGINEERING II CLASSROOMS
DATE: 5/18/2013

The College of Engineering formally requests the designation of department first preference for the following rooms of Engineering II (Scott Bioengineering) upon its completion:

Auditorium – Room 101, 150 seat classroom
Classroom – Room 229, 60 seat classroom
Classroom – Room 231, 20 seat classroom

The rationale for this request is as follows:

- The College of Engineering traditionally loses approximately 50% of its incoming freshman by the second year. We have designed a new Student success center in the building that we want to leverage by having as many of our first and second year classes in the building near the center. The center provides the following services: academic advising, women and minority study space, and career services. Our plan is to integrate these services as closely as possible with the first two years of the curriculum.
- The building is also home to many instructional laboratory spaces for upper division courses. Our plan is again to leverage having classes near the laboratories so that students can experience a more seamless transition moving from the classroom to the laboratory. This is an important pedagogical approach we are trying to foster by creating a more tightly connected curriculum for our students. Additionally, for the first year students, by having classes and recitation sections in the building, we can highlight the excitement of the upper portion of the curriculum to the first year students with the goal of increasing retention.
- Over the past several years the College of Engineering has developed an extensive recruitment operation, including engineering student led tours. We are very excited about the possibility of giving tours of the building and at the same time allowing visitors access to some of our classes being held in the building. Consistent with the 2020 Goals of the President we have seen significant growth in our undergraduate population and plan to utilize the building as a key component for future recruitment efforts.
- In addition to our student recruitment efforts, we have also increased our employer relation efforts. Engineering, as one of the few remaining ‘professions’ that still only require an undergraduate degree, places great emphasis on student professional development which is critical to our students’ long-term career success. To enhance their skills the college developed a Professional Learning Institute. Although this is an extra curricular activity, it includes a significant effort to bring professionals into our building to meet with students, provide guest lectures in our classes, and provide workshops in

the late afternoons. Again, we are attempting to leverage our space in the building consistently across our educational efforts.

- Finally we designed Rooms 229 and 231 so that they can be combined to form a single 80 seat classroom. This is a flexibility that we want to use in our regular course offerings.

In summary we designed the educational spaces in the building to create a coherent, collaborative space that combines classroom instruction, laboratory instruction and research facilities together for the education of engineers. A key component of this is to have as many classes held in the classrooms as possible – therefore the request for department first preference. The college leadership has discussed the policies and understands and will adhere to the policies as posted on the CRB website.

Please let me know if any additional information would be helpful.

Thank You,

Tom Siller
Associate Dean for Academic and Student Affairs
College of Engineering
Colorado State University