CAS Science Subcommittee Meeting
April 7, 2011, 3:30 pm
521 Mark Jefferson

Minutes

Present: Kurta (Bio), Knapp (Psych), Blair (Math), Haynes (COSC), Clark (G&G), Behringer (P&A), Emal (Chem), Tornquist (Dean's Office), Nord (DH-Chem)

I. Call to order 3:32 by John Knapp, chair.

II. Minutes of March 201
Motion approve (Blair, Emal) passes 4 - 0 - 1 (yes - no - abstain).

III. Old Business

A. We note that cover letters to course and program proposals are using Bill Miller's email address rather than Rhonda Longworth's.

B. College of Arts and Sciences
Department of Physics and Astronomy

- PHY 622 New Approaches to the Teaching of Science in the Junior High School I, Course Revision
- PHY 623 New Approaches to the Teaching of Science in the Junior High School II, Course Revision

   There have been no responses to our queries of last time.
Motion (Behringer, Haynes) to table for response from department passes unanimously.

IV. New Business

A. College of Health and Human Services

1. These PDFs have been scanned. They are not searchable, have low contrast and are out of focus; as a result, they are very difficult to read. Please give us digital PDFs.

2. School of Health Sciences

Multiple CLRA Drug Development Course Revisions

   CLRA 550 Preceptorship in Drug Development
   CLRA 581 Regulatory Affairs in Drug Development I
   CLRA 582 Regulatory Affairs in Drug Development II
   CLRA 583 Regulatory Affairs in Drug Development III

Motion (Blair, Kurta) to approve as a package passes unanimously.

3. School of Health Promotion and Human Performance
Minor in Health Education Teaching, Program Revision

*Motion (Emal, Behringer) approve as a package passes unanimously.*

4. School of Nursing

**Multiple Undergraduate Nursing Course Revisions**

NURS 110 – Introduction to Professional Nursing  
NURS 208 – The Art and Science of Nursing I  
NURS 209 – The Art and Science of Nursing I Clinical  
NURS 220 – Health Assessment  
NURS 250 – The Art and Science of Nursing II  
NURS 251 – The Art and Science of Nursing II Clinical  
NURS 260 – Pathophysiology  
NURS 270 – Pharmacology  
NURS 275 – Essentials of Professional Nursing Practice I  
NURS 304 – Nursing Care of Childbearing Families  
NURS 305 – Nursing Care of Childbearing Families Laboratory  
NURS 306 – Child/ Family Health Nursing  
NURS 307 – Child/ Family Health Nursing Laboratory  
NURS 330 – Adult Health Nursing I  
NURS 331 – Adult Health Nursing I Laboratory  
NURS 350 – Psychiatric/ Mental Health Nursing  
NURS 351 – Psychiatric/ Mental Health Nursing Laboratory  
NURS 372 – Nursing Research  
NURS 375 – Essentials of Professional Nursing Practice II  
NURS 404 – Adult Health Nursing II  
NURS 405 - Adult Health Nursing II Laboratory  
NURS 450 – Community Health Nursing  
NURS 451 – Community Health Nursing Practice  
NURS 475 – Essentials of Professional Nursing Practice III

**Comments:**

1. The rationales state that course objectives and course descriptions are being revised. However, the only things we see changing are course descriptions -- we don't see changes in objectives.

2. If objectives are being changed to satisfy accreditation, then we would have liked to see the new objectives. We hope the new objectives fit in the course descriptions.

3. Letter from state was not attached to our pdf document. The rationale directs us to an attached approval letter, but in the cover letter from Longworth, there is no mention of approval letter. We can find no letter on course reserves site.

*Motion (Behringer, Blair) to approve passes 5 - 0 - 1.*

B. College of Education
Master of Arts in Educational Psychology Program Revision

Multiple Course Revisions
EDPS 501 – Psychology of Adolescence (change in credit hours, description)
EDPS 502 – Basic Concepts in Educational Psychology (change in credit hrs, desc)
EDPS 512 – Theories of Cognitive Intelligence (change in title, credit hrs, desc., restrict.)
EDPS 550 – Motivation to Learn (change in credit hours, description, restrictions)
EDPS 600 – Human Development (change in credit hours, description, restrictions)
EDPS 602 – Psychology of the Adult Learner (change in title, CR, desc, restrictions)
EDPS 603 – Principles of Classroom Learning (change in title, CR, desc, restrictions)
EDPS 614 – Psychology of Creativity for Educators (change in CR, desc, restrictions)
EDPS 617 – Children in Poverty: Educational Implication (change in CR, desc, restr)
EDPS 620 – Self Concept, Self Esteem and Individual Difference (change in CR, D, R)
EDPS 660 – Grant Writing (change in title, CR, description, restrictions)
EDPS 694 – Seminar in Educational Psychology (change in CR, desc, restrictions)
EDPS 514 – Multiple Intelligence Theory and Learning Styles (course deletion)
EDPS 535 – Measurement and Evaluation in Adult Learners (course deletion)
EDPS 631 – Measurement and Evaluation (course deletion)

Motion (Emal, Blair) to approve program revision and all course revisions passes (5 - 0 - 1).

C. College of Technology

1. These PDFs have been scanned. They are not searchable, have low contrast and are out of focus; as a result, they are very difficult to read. Please give us digital PDFs.

2. School of Engineering Technology

a. Master of Science in Computer Aided Engineering Program Revision and Multiple Course Revisions

The disciplines of several CAS departments are related to these proposals. We believe related CAS departments need to evaluate them. Relevant departments include Chemistry (fuel cells), G&G (geothermal), and Biology (biomass).

Motion (Haynes, Clark) to table the MS program revision and multiple related course revisions to allow related CAS departments to respond to this proposal. We expect that the "clock is stopped" at this point. The motion passes unanimously.

b. CET 251 Engineering Software and Applications Course Revision

Comments:
(1) The rationale does not explain why there is no mathematics prerequisite at all -- the rationale states change is "necessary," but we don't see why this implies no mathematics at all as a prerequisite.
(2) COSC representative points out that per the catalog description, the student will be using software development modeling tools with no actual experience in software development.
(3) We would like to see the changes in content and course description in order to make sense of the prerequisite changes.
Motion to table (Haynes, Clark) because the proposed change in course prerequisites (removal of all prerequisites without changing the course description) indicates a very large revision. See above comment. Motion passes unanimously.

c. Graduate Certificate in Project Leadership, New Program

Comments:
(1) Certificate name seems very generic, while the program itself sounds directed toward Construction.
(2) We don't have any appendices.
(3) CNST 505 is not in the current catalog.

Motion (Haynes, Behringer) to approve with comments passes (4 - 0 - 1).

3. School of Technology Studies

a. Minor in Vocational Technical Teaching Program (only)

Motion (Blair, Haynes) to approve with comment that we understand College of Education deals with endorsements. The motion passes unanimously.

b. Minor in Vocational Technical Teaching Program Multiple Course Revisions:

i. TEDU 118 Energy and Transportation Technology, Course revision

Issues:
(1) Our understanding of the proposal is that it implies a very substantive change. The revised course has two prerequisites added and the revised number is 345. We feel this is substantive enough that TEDU 345 is actually a new course.
(2) The new content includes Physics or PDD (electricity) material that are not covered in any prerequisites.
(3) Course description in syllabus for 345 does not match description that we have been given in the form.
(4) The revised description of the course includes the phrase "k-12 education instruction methods," but the supplied syllabus does not include teaching methods in the content nor in the text.

Comment:
Second half of new name is redundant.

Motion (Clark, Behringer) to table pending clarification on the issues passes unanimously.

ii. Multiple Course Revisions
TEDU250 Foundations of Technology and Vocational Education
TEDU350 Curriculum in Technology and Vocational Education
TEDU450 Solving Technological Problems
TEDU460 Methods of Teaching Technology and Vocational Education

Comments:
(1) Who is eligible to take these courses? Can freshmen take TEDU 460?
(2) We don't understand why these course revision proposals were included with the Minor in Vocational Technical Teaching Program.
(3) Forms are incorrectly completed. (e.g., they are open to all class levels).
(4) TEDU 250: since engineering content is being added, we would have appreciated the new syllabus in order to properly evaluate the revision.
(5) TEDU 450: the title is changing from "solving technical problems" to "capstone". We would have appreciated a syllabus to evaluate this large change.

Motion (Clark, Behringer) to approve with comments passes unanimously:

IV. Meeting adjourned  5:05 pm

Respectfully submitted,
Susan Makrouhee Haynes, secretary