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MINUTES OF A MEETING OF THE UNIVERSITY SENATE

1. Senator Spiggle officially called the regular meeting of the University Senate of February 9, 2004 to order at 4:08 p.m. in Room 7, Bishop Center.

2. Approval of the Minutes of November 10, 2003 and December 8, 2003 were approved as written.

3. Report of the President

   Provost Petersen gave the report on behalf of President Austin. President Austin is meeting with the State Legislature on budgetary issues. Provost Peterson entertained questions from the Senate regarding the budget and salary concessions. Provost Petersen also gave the Senate a synopsis of the decision to eliminate the department of Geology and Geophysics.

4. Senator DeWolf presented the written Report of the Senate Executive Committee.
   (See Attachment #20)

5. Senator Zirakzadeh presented the Annual Report of the Scholastic Standards Committee.
   (See Attachment #21)

6. Senator Jeffers presented the written report of the Curricula and Courses Committee.
   (See Attachment #22)

   He moved the following motions:

   a. The committee recommends the following changes for existing 100-level and 200-level courses:

      - CRLP 101, 102, 103, 104; ARAB 101, 102, 103, 104; CHIN 101, 102, 103, 104; HIND 101, 102, 103, 104; KORE 101, 102, 103, 104; VIET101, 102, 103, 104.

        Existing credit: All courses are currently 4 credits.

        Proposed credit change: All courses to be 3 credits. No other changes in descriptions, offering times, etc.

        Reasons for changing this course: A recent evaluation of the courses in the program showed they are not making as much progress in learning the language as students in traditional classroom programs meeting five or six hours per week. We are changing the semester credit hours earned to reflect that difference.

        The motion carried.

      - MATH 101. Basic Algebra with Applications

        Existing catalog copy:
        MATH 101. Basic Algebra with Applications
        Either semester. Three credits. Not open to students who have passed any Q-course. Polynomials, exponents, Cartesian coordinate system, linear and quadratic equations, inequalities. This course is required of all students who fail the Q-course readiness exam.

Proposed catalog copy (change in title, prerequisites, description):
MATH 101. Intermediate Algebra. Either semester. Three credits. Not open to students who have passed any Q-course. Strongly recommended as preparation for Q-courses for students with a weak algebra background. This course does not count toward the minimum credit requirement for graduation. Polynomials, exponents, Cartesian coordinate system, linear and quadratic equations, inequalities.

Senator DeWolf moved to refer this motion back to the C&C committee.
Senator Polifroni seconded.

Motion to return to committee carried.

- MATH 114Q. Introductory Calculus 3

Existing catalog copy:
114Q. Introductory Calculus 3. Either semester. Four credits. Four class periods. Prerequisite: MATH 113. Recommended preparation: grade of C- or better in MATH 113. Note: MATH 115 is not adequate preparation for MATH 114. Not open for credit to students who have passed MATH 116 or 121. May be used in place of MATH 116 or 121 to fulfill any requirement satisfied by MATH 116 or 121.

The transcendental functions, formal integration, polar coordinates, infinite sequences and series, lines and planes in three dimensions, vector algebra.

Proposed catalog copy (prerequisites, description):
114Q. Introductory Calculus 3. Either semester. Four credits. Four class periods. Prerequisite: MATH 113. Recommended preparation: grade of C- or better in MATH 113. Note: MATH 115 is not adequate preparation for MATH 114. Not open for credit to students who have passed MATH 116 or 121.

The transcendental functions, formal integration, polar coordinates, infinite sequences and series, lines and planes in three dimensions, vector algebra.

Senator O'Donnell proposed to amend the C&C motion to remove the phrase "4 class periods" from the Math courses proposal.

Motion defeated.

The Senate considered the following C&C math course recommendations as a block:

- 116Q or V. Calculus II
  Existing catalog copy:
  Either semester. Four credits. Four class periods. Prerequisite: MATH 113 or 115 or 120, or advanced placement credit for calculus (a score of 4 or 5 on the Calculus AB exam or a score of 3 on the Calculus BC exam). Recommended Preparation: A grade of C- or better in MATH 113 or MATH 115. Not open to students who have passed MATH 121. Substitutes for MATH 114 or 121 as a requirement.

Transcendental functions, formal integration, polar coordinates, infinite series and sequences, vector algebra and geometry, with applications to the physical sciences and engineering. Sections with V credit integrate computer-laboratory activity.

Proposed catalog copy (changes in prerequisites):
116Q or V. Calculus II. Either semester. Four credits. Four class periods.
Prerequisite: MATH 113 or 115 or 120, or advanced placement credit for calculus (a score of 4 or 5 on the Calculus AB exam or a score of 3 on the Calculus BC exam).
Recommended Preparation: A grade of C- or better in MATH 113 or MATH 115. Not open to students who have passed MATH 114 or 121. May be used in place of MATH 114 or 121 to fulfill any requirement satisfied by MATH 114 or 121.

Description unchanged.

- 210Q. Multivariable Calculus
  Existing catalog copy:
  210Q. Multivariable Calculus. Either semester. Four credits. Four class periods.
  Prerequisite: MATH 114, 116, or 121 or a score of 4 or 5 on the Advanced Placement Calculus BC exam. Recommended Preparation: A grade of C- or better in MATH 114 or MATH 116. Not open for credit to students who have passed MATH 220. Open to sophomores.

  Two- and three-dimensional vector algebra, calculus of functions of several variables, vector differential calculus, line and surface integrals.

  Proposed catalog copy:
  210Q. Multivariable Calculus. Either semester. Four credits. Four class periods.
  Prerequisite: MATH 116 or 121 or a score of 4 or 5 on the Advanced Placement Calculus BC exam. Recommended Preparation: A grade of C- or better in MATH 116.
  Not open for credit to students who have passed MATH 220. Open to sophomores.
  Description is unchanged

- 211Q. Elementary Differential Equations
  Existing catalog copy:
  211Q. Elementary Differential Equations. Either semester. Three credits. Prerequisite: MATH 114, 116, or 121. Recommended preparation: MATH 210 or 220. Not open for credit to students who have passed MATH 221. Open to sophomores or higher. Introduction to ordinary differential equations and their applications, linear differential equations, systems of first order linear equations, numerical methods.

  Proposed catalog copy:
  211Q Elementary Differential Equations. Either semester. Three credits. Prerequisite: MATH 116 or 121. Recommended preparation: A grade of C- or better in MATH 116; and MATH 210 or 220. Not open for credit to students who have passed MATH 221. Open to sophomores or higher.

  Description is unchanged.

- 227Q. Applied Linear Algebra
  Existing catalog copy:

227Q. Applied Linear Algebra. Either semester. Three credits. Prerequisite: MATH 114, 116, or 121. Recommended Preparation: A grade of C- or better in MATH 114 or 116. Not open for credit to students who have passed MATH 215. Open to sophomores or higher. Systems of equations, matrices, determinants, linear transformations on vector spaces, characteristic values and vectors, from a computational point of view. The course is an introduction to the techniques of linear algebra with elementary applications.

Proposed catalog copy:
227Q. Applied Linear Algebra. Either semester. Three credits. Prerequisite: MATH 116 or 121. Recommended Preparation: A grade of C- or better in MATH 116. Not open for credit to students who have passed MATH 215. Open to sophomores or higher.

Description is unchanged.

- 220Q. Enhanced Multivariable Calculus
  Existing catalog copy:
  220Q. Enhanced Multivariable Calculus. Either semester. Four credits. Prerequisite MATH 114 or 116 or 121. Open to sophomores. Not open to students who have passed MATH 210. MATH 220 satisfies any requirement met by MATH 210, and provides superior preparation for prospective mathematics, science, and engineering majors.

  The subject matter of MATH 210 in greater depth, with emphasis on the underlying mathematical concepts.

  Proposed catalog copy:
  220Q. Enhanced Multivariable Calculus. Either semester. Four credits. Prerequisite: MATH 121 or consent of the instructor. Open to sophomores or higher. Not open to students who have passed MATH 210. MATH 220 satisfies any requirement met by MATH 210, and provides superior preparation for prospective mathematics, science, and engineering majors.

  Description unchanged.

- 221. Enhanced Differential Equations
  Existing catalog copy:
  221. Enhanced Differential Equations. Either semester. Three credits. Prerequisite: MATH 114 or 116 or 121. Open to sophomores or higher. Not open to students who have passed MATH 211. MATH 221 satisfies any requirement met by MATH 211, and provides superior preparation for prospective mathematics, science, and engineering majors.

  The subject matter of MATH 211 in greater depth, with emphasis on the underlying mathematical concepts.

  Proposed catalog copy:
  221. Enhanced Differential Equations. Either semester. Three credits. Prerequisite: MATH 121 or consent of the instructor. Open to sophomores or higher. Not open to students who have passed MATH 211. MATH 221 satisfies any requirement met by MATH 211, and provides superior preparation for prospective mathematics, science, and engineering majors.

Description unchanged.

The motion to accept MATH 114-227 carried.

- NRME 100. Environmental Science
  Existing catalog copy:
  NRME 100. Environmental Science. First semester. Three credits. Two class periods and one-hour laboratory period. An introduction to basic concepts and understanding of Natural Resources Systems and the effects of society on the environment.

  Proposed catalog copy (Change in course description and meeting times):
  NRME 100. Environmental Science. First semester. Three credits. An introduction to basic concepts and areas of environmental concern and how these problems can be effectively addressed. Topics include human population; ecological principles; conservation of biological resources; biodiversity; croplands, rangelands, forestlands; soil and water conservation; pollution and water management; and wildlife and fisheries conservation.

  The motion carried.

- NURS 112 Health Care Delivery System
  Existing catalog copy:
  Both semesters. Three credits. An historical and contemporary exploration of the American health care delivery system: its evolution and development, legal and regulatory perspectives, roles of all providers and finances. A comparison with socialized health care will be made.

  Proposed catalog copy (changes in prerequisites):
  Both semesters. Three credits. Open to nursing majors only.
  Description unchanged.

  The motion carried.

- NURS 221 Health Assessment through the Lifespan
  Existing catalog copy:
  NURS 221 Health Assessment through the Lifespan. Second semester. Three credits. Prerequisite: PNB264; PNB 265 concurrent. Open only to Nursing majors. Open to Sophomores or higher. In this course, students will acquire the knowledge, skills, and values needed for assessing individuals through the lifespan. Supervised laboratory sessions will provide opportunity to practice newly acquired skills.

  Proposed catalog copy: (Adds NURS 207)
  NURS 221 Health Assessment through the Lifespan. Second semester. Three credits. Prerequisite: NURS 207; PNB264; PNB 265 concurrent. Open only to Nursing majors. Open to Sophomores or higher.

  The motion carried.

b. The committee recommends dropping the following 100-level courses:

- NURS 198 Introduction to Nursing Arts

- PORT 135 Elementary Portuguese I
- PORT 136 Elementary Portuguese II
- PORT 137 Intermediate Portuguese I
- PORT 138 Intermediate Portuguese II
- PORT 140 Major Works of Portuguese and Brazilian Literature in Translation
- RUSS 155 Elementary Russian I
- RUSS 156 Elementary Russian II
- RUSS 157 Intermediate Russian I
- RUSS 158 Intermediate Russian II

The motion carried.

c. For the information of the Senate: The Courses & Curricula Committee recommends adding the following 200-level skill courses and courses open to sophomores:

PHYS 220V. Computational Physics
Proposed catalog copy:
PHYS 220V. Computational Physics. Second semester. Three credits. Two class periods and one 2-hour laboratory period. Prerequisite: PHYS 123 or 125 or 132 or 142 or 152 and MATH 211, any of which may be taken concurrently; or with consent of the instructor. Open to sophomores. A basic introduction to numerical and mathematical methods required for the solution of physics problems using currently available scientific software for computation and graphics.

d. For the information of the Senate: skill codes or "Open to Sophomores" added or removed from the following courses:
- MCB 225 Advanced Cell Biology Laboratory. Added "Open to Sophomores"
- NURS 202 The Basis of Scientific Inquiry. Delete "Open to sophomores"
- NURS 211C Information Systems in Health Care Drop C and "open to sophomores"
- NURS 220 Historical and Contemporary Topics in Nursing Drop W code.
- NURS 292W Health Perspectives on Alcohol and Other Drug Drop W code.
- RUSS 232W Masterpieces of 19th Century Russian Literature in Translation Drop W code.

7. Senator Hiskes announced program for rewards and incentives for faculty developing new General Education courses. Details on this program forthcoming.

8. Senator Holsinger presented the report of the University Budget Committee on "The Crisis in Scholarly Communication and an Initial Response".

(See Attachment #23)

Budget committee moved for adoption of the following resolution:

The amended resolution carried resulting in the following resolution:

Resolution

Access to the scholarly literature is vital to all members of the academic community. Scholars and their professional associations share a common interest in the broadest possible dissemination of peer-reviewed contributions. Unfortunately, the business practices of some journals and journal

publishers is inimical to these interests and threatens to limit the promise of increased access inherent in digital technologies. Development of library collections is more and more constrained by the rising costs of journals and databases. Faculty, staff, students, and university administrators must all take greater responsibility for the scholarly communication system.

Therefore, the University Senate calls on all faculty, staff, and students of the University of Connecticut to become familiar with the business practices of journals and journal publishers in their specialty. It especially encourages senior tenured faculty to reduce their support of journals or publishers whose practices are inconsistent with the health of scholarly communication by submitting fewer papers to such journals, by refereeing fewer papers submitted to such journals, or by resigning from editorial posts associated with such journals. It encourages them to increase their support of existing journals and publishers whose practices are consistent with the health of scholarly communication.

The Senate also calls on University administrators and departmental, school, college and University committees to reward efforts by faculty, staff, and students to start or support more sustainable models for scholarly communication. It calls on them to provide financial and material support to faculty, staff, and students whose work helps to ensure broad access to the scholarly literature. It also calls on them to recognize that some faculty, staff, and students may choose not to submit papers to highly ranked journals based on the advice of this resolution. Their decision to do so should be respected and evaluations of their performance should take account of their decision to follow this advice. It also calls on professional associations and the University to invest in the infrastructure necessary to support new venues for peer-reviewed publication.

Finally, the Senate calls on the University Libraries to provide resources that help faculty, staff, and students understand the business practices of different journals and journal publishers and their impact on the health of scholarly communication.

Senator Majumdar moved to delete the following two sentences: "It also calls on them to recognize that some faculty, staff, and students may choose not to submit papers to highly ranked journals based on the advice of this resolution. Their decision to do so should be respected and evaluations of their performance should take account of their decision to follow this advice."

Seconded by Senator Renzulli.

Motion to delete the above sentences from the resolution carried.

The amended resolution carried.

9. Senator Hiskes presented the written report of the Nominating Committee and moved the following: (See Attachment #24)

   a. deletions from the Scholastic Standards Committee:

      Debra Kendall
      Adrian Pantoja

b. additions to the Scholastic Standards Committee:

Jonathan Hufstader
Thomas Seery

c. student additions to the named Standing Committees:

Jill Magee, graduate student, to the General Education Oversight Committee
Puneet Agarwal, graduate student, to Faculty Standards

The motion carried.

d. For the information of the Senate, the Graduate Student Senate has named Kisha Tracy (replacing David Pendrys) and Andrea Knorr (replacing Adam Rabinowitz) to membership on the Senate for a one-semester term ending June 30, 2004.

Deleted: wwwwww

10. Senator Singha asked if there was any effort underway to renumber courses. This is an area that has been studied in the past. Senator DeWolf stated that he would have the SEC discuss how to proceed.

11. Old Business – None

12. New Business – None

A motion to adjourn was approved by a standing vote.

The meeting adjourned at 5:52 P.M.

Respectfully submitted,

Kim Chambers

The following members and alternates were absent from the February 9, 2004 meeting:

Anderson, Greg
Aronson, Lorraine
Austin, Philip
Breen, Margaret
Brown, Scott
Carstensen, Fred
Chaffin, Roger
Croteau, Maureen
Dreyfuss, Dale
Facchinetti, Neil
Flanery, Trudy
Fox, Karla
Freake, Hedley
Gatta, John
Greger, Janet
Halligan, Kyle
Herzberger, David
Hightower, Larry
Humphreys, Nancy
Jain, Faquir
Korbel, Donna
Macgill, Hugh
Maresh, Carl
Miniutti, Peter
Muirhead, Deborah
Roe, Shirley
Roosen, Suzanne
Saddlemire, John
Saternow, Timothy
Scalora, Salvatore
Schaefer, Carl
Taylor, Ronald