

University Senate Curricula and Courses Committee Minutes

Meeting Subtitles: “Dan Burkey Reconsiders his Career Choice” or “The Committee Pondered the Death of William Butler Yeats” or “Engineering has been Experimenting with Time Manipulation”

9:00am Wednesday, March 6, 2019

Senate Conference Room

I. Opening business

- A. Called to order: 9:04am
- B. Regrets: Lauren Schlesselman, Marc Hatfield, David Ouimette
- C. Minutes of January 23, 2019 were eApproved.
- D. We will next meet March 27, 2019

II. Report of the Chair/Representative

- A. University Senate (P. Bedore) – The Senate C&C consent agenda passed without comment at the March 4, 2019 meeting.
- B. Senate Executive (P. Bedore) –The Senate Exec met with the Senate chairs on February 22, 2019 to plan the Senate meeting of March 4, 2019. Topics of interest to this committee included: 1) UNIV 4800: Senior Year Experience will be resurrected by the UConn Center for Career Development; 2) E. Schultz and P. Bedore announced that they discussed the possibility of combining GEOC and Senate C&C. The Senate Exec invited them to write up a formal proposal. GEOC is all faculty members while Senate C&C has a lot of staff.
 - P. Bedore requested feedback from the Senate C&C, and there was general support for the idea. One member who has experience on both committees suggested that the process in GEOC needs to be re-evaluated and streamlined in order to save time in general.3) Scholastic Standards is creating a subcommittee to make a recommendation about the potential use of Massive Open Online Course (MOOCs) as transfer credit. Senate C&C has been asked to provide a member to this subcommittee.
 - Senate C&C members felt L. SCHLESSELMAN (emphasis requested by D. Burkey) was the ideal representative since she already sits on Scholastic Standards. However, D. Burkey volunteered to do it if absolutely necessary.
- C. GEOC (E. Schultz) – GEOC reviewed the committee’s budget report. Members also discussed the provision that Senate C&C later eVoted on to return the provision regarding GEOC Chair time release and administrative support to the Rules and Regulations.
- D. UICC (M. Hatfield) – No report.

III. Other Committee Reports

- A. Honors Board of Associate Directors (K. McDermott) – E. Schultz will present at Honors Board on behalf of ΔGE this coming Monday.

B. Scholastic Standards (L. Schlesselman) – The committee made decisions regarding end-of-semester assessments:

During the semester or term, assessments shall be held only during regularly scheduled class periods. Under exceptional circumstances, instructors seeking permission to hold assessments outside of regularly scheduled class periods must seek approval from the Vice Provost for Academic Affairs prior to the start of registration. Sections of courses for which such an exception has been granted shall carry a footnote to that effect in the published Schedule of Classes and this will be clearly stated on the syllabus. Classes using the Test Center for assessments that extend beyond regular class times do not require special permission, provided that the extended exam period includes the window for the scheduled class, and that any student with conflicts can be assured of access to the examination within that window. Decisions regarding possible make-up assessments during the semester due to student absences shall be the prerogative of the instructor. Final in-class examinations may not be given during the last week of classes. Other types of assessments (for example, but not only, portfolios, performances, projects, presentations, etc.) may be due in the last week of classes, but should be clearly delineated on the syllabus from the first week of classes.

And for finals week: The format of assessments during finals week remains at the discretion of the instructor, including whether to assign a final assessment or not. In the event an instructor chooses not to schedule a final assessment, they must notify the Registrar to allow rescheduling of the classroom. During the final assessment period, instructors may have other types of assessments due, but only if they are clearly delineated on the syllabus from the first week of classes.

Instructors are required to administer final course assessments in the places and at the days and times scheduled by the Registrar; these will not necessarily be identical to those at which the class normally meets. Instructors seeking a final assessment period greater than two hours must seek approval from their department head and dean or designee prior to the start of registration; sections of courses for which such an exception has been granted shall carry a footnote that specifies the time-extension for the final assessments in the published Schedule of Classes, and this will be clearly stated on the syllabus. For online final assessments, although faculty may choose to make assessments available for an extended period of time, students must be allowed the opportunity to take the assessments during the time scheduled by the University.

- One committee member asked about restrictions on the percentage of the grade that the final assessment can be worth. It is not specified here.

- Another member asked if a poster session would also be included under the types of final assessments listed. For example, Engineering has a poster session at the end of the semester, but there are allowances for students who cannot attend.
- P. Bedore will pass along feedback to Scholastic Standards on both of these concerns.

C. ΔGE Working Group (E. Schultz) – The survey is live already. E. Schultz has met with the School of Fine Arts C&C, and will meet with LCL today. He will be writing a report on the working group’s recommendation for Gen Ed revision over Spring Break.

D. Additional Item – CAR system personnel will meet during Spring Break to discuss potential changes or updates.

IV. New Business

A. New 1000- and 2000-level courses:

1. Motion to add (A. Appiah, M. Bradford) DMD 1001 Foundations in Digital Media and Design I (#9364)

Proposed Catalog Copy

DMD 1001. Foundations in Digital Media and Design I

Three credits. Two 1.5-hour sessions per week. Open to Digital Media and Design majors only; others by instructor consent. Not open for credit to students who have passed DMD 1000.

Creative problem solving; empathy, ideation, prototyping, and testing as means to innovate discovery in diverse fields.

Discussion

- Some edits were made to streamline the catalog copy.
- Members expressed distaste for the monotype font of the syllabus but decided to pass the course anyway.

The motion to add DMD 1001 (#9364) was approved unanimously.

2. Motion to add (S. Vietla, G. Stuart) MCB 2215 Honors Cell Biology (#9564)

Proposed Catalog Copy

MCB 2215 Honors Cell Biology

Three credits. Prerequisite: BIOL 1107. Not open to students who have passed MCB 2210. Overview of eukaryotic cell biology for Honors students. Emphasizes primary research literature and in-class discussion.

Discussion

- There was a lot of discussion about this course because it will become a prerequisite for other courses. There were discussions about making these additions to catalog copy administratively rather than through CARs, the thought of which made E. Schultz's eye twitch.
- The syllabus needs learning objectives and a grading scale.
- The syllabus should also not recommend that students purchase books from Amazon or other sources, and attendance cannot be part of participation grade. It would be less objective if a rubric or other tool was used to grade participation.
- One member noted that the proposer uses the term "open source" when trying to indicate that students can use notes, books, etc for tests, but open source is really a software term.

The motion to add MCB 2215 (#9564) was approved unanimously.

B. Revise 1000- and 2000-level courses:

1. Motion to revise (D. Burkey, K. Fuller) ENVE 1000 Environmental Sustainability (#10053)
[Add E]

Current Catalog Copy

ENVE 1000. Environmental Sustainability

Three credits.

Detailed examination of anthropogenic impacts on the environment, resulting from the need for energy, food and shelter. Subtopics in the broad areas of energy, food, shelter, waste, water, sustainable development will be grounded with case studies of UConn activities/programs in sustainability. Overarching and linking each topic is the impact of population and water resources with a focus on environmental literacy. Resolution of scientific/technological, public policy and economic aspects of environmental sustainability issues will be explored, including strategies for success, and possible pitfalls, in achieving environmental sustainability in the subtopic areas. CA 2.

Revised Catalog Copy

ENVE 1000E. Environmental Sustainability

Three credits.

Detailed examination of anthropogenic impacts on the environment, resulting from the need for energy, food and shelter. Subtopics in the broad areas of energy, food, shelter, waste, water, sustainable development will be grounded with case studies of UConn activities/programs in sustainability. Overarching and linking each topic is the impact of population and water resources with a focus on environmental literacy. Resolution of scientific/technological, public policy and economic aspects of environmental sustainability

issues will be explored, including strategies for success, and possible pitfalls, in achieving environmental sustainability in the subtopic areas. CA 2.

Discussion

- The syllabus needs a grading scale.

The motion to revise ENVE 1000 (#10053) was approved unanimously.

2. Motion to revise (E. Schultz, J. Chandy) ENVE/CE 2310 Environmental Engineering Fundamentals (#10016) [Revise pre-/coreqs; add E]

Current Catalog Copy

ENVE 2310. Environmental Engineering Fundamentals

(Also offered as CE 2310.) Three credits. Prerequisites: CHEM 1128Q or 1148Q.

Concepts of aqueous chemistry, biology, and physics applied in a quantitative manner to environmental problems and solutions. Mass and energy balances, chemical reaction engineering. Quantitative and fundamental description of water and air pollution problems. Environmental regulations and policy, pollution prevention, risk assessment. Written and oral reports.

CE 2310. Environmental Engineering Fundamentals

(Also offered as ENVE 2310.) Three credits. Prerequisites: CHEM 1128Q or 1148Q.

Concepts of aqueous chemistry, biology, and physics applied in a quantitative manner to environmental problems and solutions. Mass and energy balances, chemical reaction engineering. Quantitative and fundamental description of water and air pollution problems. Environmental regulations and policy, pollution prevention, risk assessment. Written and oral reports.

Revised Catalog Copy

ENVE 2310E. Environmental Engineering Fundamentals

(Also offered as CE 2310E.) Three credits. Prerequisites or corequisites: CHEM 1128Q or 1148Q.

Concepts of aqueous chemistry, biology, and physics applied in a quantitative manner to environmental problems and solutions. Mass and energy balances, chemical reaction engineering. Quantitative and fundamental description of water and air pollution problems. Environmental regulations and policy, pollution prevention, risk assessment. Written and oral reports.

CE 2310E. Environmental Engineering Fundamentals

(Also offered as ENVE 2310E.) Three credits. Prerequisites or corequisites: CHEM 1128Q or 1148Q.

Concepts of aqueous chemistry, biology, and physics applied in a quantitative manner to environmental problems and solutions. Mass and energy balances, chemical reaction engineering. Quantitative and fundamental description of water and air pollution problems. Environmental regulations and policy, pollution prevention, risk assessment. Written and oral reports.

Discussion

- This is actually a cross-listed course with CE, so it must be listed as such in all our notes. D. Burkey did not think it has ever been offered as the CE version. Everyone was ok with not having to send the CAR back through CE for approval since it is really the same department.
- One member observed that the course has three “midterms.” D. Burkey explained that Engineering uses the word “midterm” colloquially.

The motion to revise ENVE/CE 2310 (#10016) was approved unanimously.

3. Motion to revise (D. Burkey, A. Appiah) HIST 1801 History of Asia in the World to 1500 (#9504) [Revise description; add CA1 & CA4-Int]

Current Catalog Copy

HIST 1801. History of Asia in the World to 1500

Three credits.

Development and spread of the Indic and Sinitic civilizations, to 1500, with attention to cross-cultural contacts.

Revised Catalog Copy

HIST 1801. History of Asia in the World to 1500

Three credits.

Development and spread of the Indic and Sinitic civilizations to 1500, with attention to cross-cultural contacts and sources of historical knowledge. CA 1. CA 4-INT.

Discussion

- The course objectives should be changed to student learning objectives.
- The syllabus also needs a grading scale.

The motion to revise HIST 1801 (#9504) was approved unanimously.

4. Motion to revise (D. Burkey, S. Vietla) PHYS 1230 General Physics Problems (#10640) [Revise credit restrictions and description]

Current Catalog Copy

PHYS 1230. General Physics Problems

Three credits. Prerequisite: PHYS 1202Q and MATH 1132Q, both of which may be taken concurrently. Not open for credit to students who have passed PHYS 1501Q or 1601Q. Problems, emphasizing applications of calculus, dealing with topics in general physics. Intended for those students who have taken or are taking PHYS 1202Q and who desire to have a calculus-based physics sequence equivalent to PHYS 1401Q–1402Q.

Revised Catalog Copy

PHYS 1230. General Physics Problems

Three credits. Prerequisite: PHYS 1202Q and MATH 1132Q, both of which may be taken concurrently. Not open for credit to students who have passed PHYS 1401Q, 1501Q or 1601Q. Problems, emphasizing applications of calculus, dealing with topics in general physics. Intended for those students who have taken or are taking PHYS 1202Q and who desire to have a calculus-based physics sequence equivalent to PHYS 1401Q–1402Q or PHYS 1501Q-1502Q.

Discussion

- The syllabus needs student learning objectives.

The motion to revise PHYS 1230 (#10640) was approved unanimously.

5. Motion to revise (G. Stuart, D. Burkey) SPSS 3100 Golf Course Management (#9241) [Level change to 2000; credit restriction revision]

Current Catalog Copy

SPSS 3100. Golf Course Management

Three credits. Taught with SAPL 210. Not open for credit to graduate students. Rackliffe. Cultural management techniques including soil aeration, topdressing, mowing, thatch removal, grass or species selection, fertilization, irrigation and management of personnel, pests, equipment and inventory. Field trips required.

Revised Catalog Copy

SPSS 2210. Golf Course Management

Three credits. Taught with SAPL 210. Rackliffe. Cultural management techniques including soil aeration, topdressing, mowing, thatch removal, grass or species selection, fertilization, irrigation and management of personnel, pests, equipment and inventory. Field trips required.

Discussion

- The syllabus needs student learning objectives.

The motion to revise SPSS 3100 (#9241) was approved unanimously.

6. Motion to revise (M. Bradford, K. Fuller) PHYS 1040Q Cosmic Origins of Life (#9339) [Add CA3 and E]

Current Catalog Copy

PHYS 1040Q. Cosmic Origins of Life

Three credits.

Principles of physics and quantitative reasoning applied to astrobiology, the search for extraterrestrial life, and cosmic, stellar, and atmospheric conditions for habitability. A systems perspective on the impacts of human civilization on habitability.

Revised Catalog Copy

PHYS 1040QE. Cosmic Origins of Life

Three credits.

Principles of physics and quantitative reasoning applied to astrobiology, the search for extraterrestrial life, and cosmic, stellar, and atmospheric conditions for habitability. A systems perspective on the impacts of human civilization on habitability. CA 3.

Discussion

- One member wondered if the course has field trips...
- It was noted that the E subcommittee struggled a little with this course and there were a number of back-and-forth discussions with the proposer. The subcommittee's concern centered around where the environment begins and end, but ultimately they decided that the course fulfilled E guidelines.

The motion to revise PHYS 1040Q (#9339) was approved unanimously.

- C. Delete 1000- and 2000-level courses:

1. Motion to delete (D. Burkey, A. Appiah) PHYS 1530 General Physics Problems for Engineers (#10641)

Discussion

- No discussion.

The motion to delete PHYS 1530 (#10641) was approved unanimously.

- D. The General Education Oversight Committee recommends addition of the following new 3000- or 4000-level courses to the General Education curriculum:

1. Motion to add (M. Bradford, E. Schultz) MUSI 3407W History of Jazz (#9161) [New for CA1-A, CA4, & W]

Discussion

- Participation is not listed a graded component of the course so one member wondered why there is such a long paragraph on attendance/participation in the syllabus.
- The Office of the Registrar noted that there is an archived course called History of Jazz, but the archived course does not have a W version. Members wondered if the department wanted to change the number to the archived number, 3611W.
- If the department does want the numbers to be different, what are the implications?
- Members felt that there were enough questions to warrant tabling the course until we could get clarification from the department.

A. Appiah motioned to table MUSI 3407W (#9161) pending clarification of what number to use for the course. D. Burkey seconded. The motion was approved unanimously.

E. The General Education Oversight Committee recommends revision of the following 3000- or 4000-level existing courses:

1. Motion to revise (G. Stuart, K. Fuller) ENGL 3122 Irish Literature in English since 1939 (#8598) [Add a W section to an existing non-W CA4-INT course]

Current Catalog Copy

ENGL 3122. Irish Literature in English since 1939

Three credits. Prerequisite: ENGL 1010 or 1011 or 2011; open to juniors or higher.

Fiction, drama, and poetry by such writers as Beckett, O'Brien, Friel, Heaney, Doyle, Carr, McCabe, Tóibin, and McDonagh. CA 4-INT.

Revised Catalog Copy

ENGL 3122. Irish Literature in English since 1939

Three credits. Prerequisite: ENGL 1010 or 1011 or 2011; open to juniors or higher.

Fiction, drama, and poetry by such writers as Beckett, O'Brien, Friel, Heaney, Doyle, Carr, McCabe, Tóibin, and McDonagh. CA 4-INT.

ENGL 3122W. Irish Literature in English since 1939

Three credits. Prerequisite: ENGL 1010 or 1011 or 2011; open to juniors or higher. CA 4-INT.

Discussion

- Members questioned the importance of the date 1939, which seemed rather random. The date coincides with the period of the Irish Literary Revival, the publication of *Finnegans Wake*, and the death of William Butler Yeats.

The motion to revise ENGL 3122W (#8598) was approved unanimously.

2. Motion to revise (M. Bradford, J. Chandy) ENGL 3240 American Nature Writing (#8460) [Add E]

Current Catalog Copy

ENGL 3240. American Nature Writing

Three credits. Prerequisite: ENGL 1010 or 1011 or 2011; open to juniors or higher.

Study of writings, from the colonial era to the modern, reflecting diverse ways of imagining humanity's relation to the natural environment.

Revised Catalog Copy

ENGL 3240E. American Nature Writing

Three credits. Prerequisite: ENGL 1010 or 1011 or 2011; open to juniors or higher.

Study of writings, from the colonial era to the modern, reflecting diverse ways of imagining humanity's relation to the natural environment.

Discussion

- Books should be listed as available at bookstore, rather than the Co-op in the syllabus.
- The syllabus needs student learning objectives and a grading scale.

The motion to revise ENGL 3240 (#8460) was approved unanimously.

3. Motion to revise (M. Bradford, J. Chandy) HIST/AASI 3554 Immigrants and the Shaping of U.S. History (#9566) [Add CA1 & CA4]

Current Catalog Copy

HIST 3554. Immigrants and the Shaping of American History

(Also offered as AASI 3554.) Three credits. Recommended preparation: one course in American History.

The origins of immigration to the United States and the interaction of immigrants with the social, political, and economic life of the nation after 1789, with emphasis on such topics as nativism, assimilation, and the "ethnic legacy."

AASI 3554. Immigrants and the Shaping of American History

(Also offered as HIST 3554.) Three credits. Recommended preparation: one course in American History.

The origins of immigration to the United States and the interaction of immigrants with the social, political, and economic life of the nation after 1789, with emphasis on such topics as nativism, assimilation, and the "ethnic legacy."

Revised Catalog Copy

HIST 3554. Immigrants and the Shaping of American History

(Also offered as AASI 3554.) Three credits. Recommended preparation: one course in American History.

The origins of immigration to the United States and the interaction of immigrants with the social, political, and economic life of the nation after 1789, with emphasis on such topics as nativism, assimilation, and the “ethnic legacy.” CA 1. CA 4.

AASI 3554. Immigrants and the Shaping of American History

(Also offered as HIST 3554.) Three credits. Recommended preparation: one course in American History.

The origins of immigration to the United States and the interaction of immigrants with the social, political, and economic life of the nation after 1789, with emphasis on such topics as nativism, assimilation, and the “ethnic legacy.” CA 1. CA 4.

Discussion

- The proposer should update software requirements in the syllabus.
- Books should be listed as available at bookstore, rather than at the Co-op in the syllabus.
- The committee also recommended moving the course description up to before the course materials to “sell the class” to the students before getting into the details.

The motion to revise HIST/AASI 3554 (#9566) was approved unanimously.

4. Motion to revise (A. Appiah, D. Burkey) HIST/AASI 3822 Modern China (#9543) [Add CA1 & CA4-Int]

Current Catalog Copy

HIST 3822. Modern China

(Also offered as AASI 3822.) Three credits.

Survey of patterns of modern China since 1800. Topics will include reforms and revolutions, industrialization and urbanization, and family and population growth.

AASI 3822. Modern China

(Also offered as HIST 3822.) Three credits.

Survey of patterns of modern China since 1800. Topics will include reforms and revolutions, industrialization and urbanization, and family and population growth.

Revised Catalog Copy

HIST 3822. Modern China

(Also offered as AASI 3822.) Three credits.

Survey of patterns of modern China since 1800. Topics will include reforms and revolutions, industrialization and urbanization, and family and population growth. CA 1. CA 4-INT.

AASI 3822. Modern China

(Also offered as HIST 3822.) Three credits.

Survey of patterns of modern China since 1800. Topics will include reforms and revolutions, industrialization and urbanization, and family and population growth. CA 1. CA 4-INT.

Discussion

- The syllabus should include student learning objectives and a grading scale.
- 25% seemed like a bit much for participation, particularly since no objective measure of participation is provided in the syllabus (graded activities, rubric, etc).
- Books should be listed as available at bookstore, rather than at the Co-op in the syllabus.
- The selected bibliography, while impressive, is much longer than students will ever read. It was suggested that maybe the proposer might slim it down to increase chance of students reading any of it.

The motion to revise HIST/AASI 3822 (#9543) was approved unanimously.

5. Motion to revise (E. Schultz, S. Vietla) MATH 3710 Mathematical Modeling (#8537) [Add W version; revise catalog copy]

Current Catalog Copy

MATH 3710. Introduction to Mathematical Modeling

Three credits. Prerequisite: MATH 2144Q or 2420Q; or MATH 2210 and 2410Q. Not open for credit to students who have passed MATH 5530 or 5540, CHEM 305, or PHYS 5350.

Construction of mathematical models in the social, physical, life and management sciences.

Linear programming, simplex algorithm, duality. Graphical and probabilistic modeling.

Stochastic processes, Markov chains and matrices. Basic differential equations and modeling.

Revised Catalog Copy

MATH 3710. Introduction to Mathematical Modeling

Three credits. Prerequisite: MATH 2144Q or 2420Q; or MATH 2210Q and 2410Q.

Theoretical and numerical analysis, using concepts from calculus, differential equations, linear algebra and discrete mathematics, applied to derive and analyze various mathematical models used in other disciplines.

MATH 3710W. Introduction to Mathematical Modeling

Three credits. Prerequisite: MATH 2144Q, or 2420Q; or MATH 2210Q and 2410Q; and ENGL 1010 or 1011 or 2011. Open only to mathematics majors.

Discussion

- A grading scale is needed in the syllabus.

The motion to revise MATH 3710 (#8537) was approved unanimously.

F. New Graduate Level S/U-Graded Courses:

1. Motion to add (M. Bradford, A. Appiah) POLS 5630 Prospectus and Dissertation Writing Seminar (#10978)

Proposed Catalog Copy

POLS 5630. Prospectus and Dissertation Writing Seminar

Variable credits (1-3 credits). May be repeated to a total of ten credits.

Students taking this course will be assigned a grade of S (satisfactory) or U (unsatisfactory).

Writing workshop facilitates prospectus and dissertation writing.

Discussion

- The Office of the Registrar noted that variable topics need to be listed in a specific way that is not correct in the CAR. This was corrected.
- One member who was not present sent questions about how the S/U grade is determined in the course. Another member expressed uncertainty about exactly where the issues was since the syllabus appears to provide a detailed accounting of assessment. P. Bedore will follow up with the member who had concerns.

The motion to add POLS 5630 (#10978) was approved unanimously.

Attendance (in bold): **Pam Bedore (Chair), Michael Bradford, Daniel Burkey, John Chandy**, David Ouimette, **Eric Schultz**, Mark Brand, Marc Hatfield, **Kate Fuller**, Lauren Schlesselman (Ex-Officio), **Gina Stuart, Ama Appiah (student rep), Sai Vietla (student rep)**

Respectfully submitted by Karen C. P. McDermott

Adjourned 10:01am