

University Senate Curricula and Courses Committee Minutes

January 24, 2023 – 1:30pm-3:00pm

Meeting Subtitle: “Last Call for the 2024-2025 Catalog” or “Measure Twice, Grade Once”
or “#LetMarcDrive” or “Highly, Highly Recommended Preparation”

I. Preliminaries

- A. Welcome
- B. Minutes for December 12, 2023
 - No comments.

J. Schulman motioned. M. Hatfield seconded. The Minutes were approved with three abstentions.

- C. We will next convene in the electronic ether on February 7, 2024.

II. Chair Reports (G. Nanclares)

- A. University Senate – No meetings yet.
- B. Senate Executive – No meetings yet.

III. Member Reports

- A. UICC (M. Hatfield) – The first meeting is next Friday.
- B. Honors Board of Associate Directors (S. Wilson) – No report.
- C. Scholastic Standards (S. Rusch) – Nothing of relevance to this committee was discussed.
- D. CCC+ (P. Bedore) – CCC+ is funding 39 new course proposals.
 - One member noted in the chat, “We've updated the report of Gen Ed courses on our website to include the TOIs, so those will be added to the report as they're approved: <https://changecatalog.uconn.edu/reports/>.”

IV. General New Business (See zip file)

- A. New 1000- and 2000-level Courses:
 - 1. Motion to add (M. Hatfield, D. Ouimette) CSE 2600 Introduction to Data Science and Engineering (#23115)
Proposed Catalog Copy
CSE 2600. Introduction to Data Science and Engineering
3.00 credits
Prerequisites: CSE 2050. Not open for credit to students who have passed CSE 4095 when offered as “Introduction to Data Science and Engineering.”
Grading Basis: Graded

Introduction to a broad selection of challenges and methodologies in working with big data. Topics to be covered include fundamental data science lifecycle topics such as data acquisition, management, integration, visualization, modeling, analysis, prediction, as well as data security, data privacy and ethics.

Discussion

- This course was offered as a Special Topics under this title, so we'll need to add the credit restriction.
- One member thought some of the language in the learning objectives read like outcomes. The sentences are structured slightly differently.

Motion to add CSE 2600 (#23115) was approved unanimously.

2. Motion to add (S. Rusch, J. Schulman) ENGR 1025 Engineering for Impact - Emerging Leaders (#23290)

Proposed Catalog Copy

ENGR 1025. Engineering for Impact - Emerging Leaders

1.00 credit | May be repeated for a total of 4 credits.

Prerequisites: Instructor consent required. Recommended Preparation: Should be a new or rising leader for an engineering student organization that is affiliated with the Vergnano Institute for Inclusion.

Grading Basis: Graded

Supports the success of new or emerging engineering leaders for student organizations affiliated with the Vergnano Institute for Inclusion.

Discussion

- The syllabus needs a grade conversion scale.
- Minor revisions were made to the catalog copy to observe best practices.

Motion to add ENGR 1025 (#23290) was approved unanimously.

3. Motion to add (M. McKenzie, J. Chandy) HIST/WGSS 2525 LGBTQ+ History in the United States (#21866)

NOTE: The course is being added without its designations at this time to make the catalog. Its CAs and TOIs will follow later.

Proposed Catalog Copy

HIST/WGSS 2525. LGBTQ+ History in the United States

3.00 credits

Prerequisites: None.

Grading Basis: Graded

This course traces the history of LGBTQ+ identities, relationships, and politics in the United States from the late 18th century to the present, with a focus on

changing forms of romantic and sexual relationships; the growth of LGBTQ+ communities; and the history of LGBTQ+ activism.

Discussion

- The SLOs need to be more observable. For example, it is difficult to measure the verb “consider.”
- One member noted that we need to be careful about using grammar to reject a course. It was clarified that these are only suggestions.

Motion to add HIST/WGSS 2525 (#21866) was approved unanimously.

4. Motion to add (M. Hatfield, J. Chandy) KINS 1300 Fundamentals of Resistance Training (#23550)

Proposed catalog copy

KINS 1300. Fundamentals of Resistance Training

1.00 credit.

Prerequisites: Not open for credit to students who have passed KINS 1160.

Grading Basis: Graded

Focuses on skills related to the fundamentals to resistance training including anaerobic ability, muscular strength, muscle endurance, power, and flexibility. Course content is meant to compliment the knowledge and fundamentals around individualized resistance training programs as discussed in KINS 3545 Resistance Training for Health and Performance.

Discussion

- The course replaces KINS 1160. Is a credit restriction needed? (*Post-meeting note: The proposer confirmed that a credit restriction can be applied.*)
- Attendance cannot be required. The language in the syllabus is borderline. Here is how the by-law words the guideline: https://policy.uconn.edu/wp-content/uploads/sites/3519/2023/07/bylaws.20230627.final_.pdf
- How do you measure “good attitude”? Lack of clarity of something like this could lead to students dropping the class if they don’t know this ahead of time. It was suggested that the proposer include language or a rubric on how this will be assessed.

Motion to add KINS 1300 (#23550) was approved with one abstention.

5. Motion to add (M. Hatfield, J. Schulman) ME 2015 Introduction to Computing for Mechanical Engineers (#23210)

Proposed Catalog Copy

ME 2015. Introduction to Computing for Mechanical Engineers

1.00 credit

Prerequisites: CSE 1010

Grading Basis: Graded

Basic programming logic using programming languages common in industry.

Application of programming to mechanical engineering problems.

Discussion

- Minor revisions were made to the catalog copy to observe best practices.

Motion to add ME 2015 (#23210) was approved unanimously.

6. Motion to add (D. Ouimette, M. Hatfield) ME 2016 Introduction to Computational Fluid Dynamics (#23771)

Proposed Catalog Copy

ME 2016. Introduction to Computational Fluid Dynamics

1.00 credits

Prerequisites: None

Grading Basis: Graded

Basic operation of Computational Fluid Dynamics software. Emphasis on evaluation and analysis of the solutions in the context of practical problems.

Discussion

- Minor revisions were made to the catalog copy to observe best practices.

Motion to add ME 2016 (#23771) was approved unanimously.

7. Motion to add (M. Hatfield, D. Ouimette) ME 2017 Introduction to Finite Element Analysis (#23790)

Proposed Catalog Copy

ME 2017. Introduction to Finite Element Analysis

1.00 credits

Prerequisites: None

Grading Basis: Graded

Practice-oriented introduction to Finite Element Analysis for computational simulation of the behavior of continuous mechanical systems. Emphasis on the use of software for the analysis workflow, and on evaluation of the solution for practical problems.

Discussion

- The grading doesn't add to 100%, only 90%.
- Minor revisions were made to the catalog copy to observe best practices.

Motion to add ME 2017 (#23790) was approved unanimously.

8. Motion to add (J. Chandy, S. Rusch) ME 2120 Applied Mechanics II (#23753)

Discussion

- The Registrar's Office suggests a cross-listing with CE 2120.
- The syllabus is missing the grade conversion table.

M. Hatfield motioned to table ME 2120. S. Wilson seconded. Motion to table was approved unanimously.

Post-Meeting eVote:

Motion to untable (S. Stifano, D. Mercier) ME 2120 Applied Mechanics II (#23753)
[Add ME 2120 and cross-list with CE 2120, per the recommendation from the Office of the Registrar. Effective date Fall 2024.]

Proposed Catalog Copy

ME 2120. Applied Mechanics II

Also offered as: CE 2120

3.00 credits

Prerequisites: CE 2110; MATH 2110Q or MATH 2130Q

Grading Basis: Graded

Fundamentals of dynamics using vector methods. Rectilinear and curvilinear motion, translation, rotation, plane motion; work, energy, and power; impulse and momentum.

CE 2120. Applied Mechanics II

Also offered as: ME 2120

3.00 credits

Prerequisites: CE 2110; MATH 2110Q or MATH 2130Q

Grading Basis: Graded

Fundamentals of dynamics using vector methods. Rectilinear and curvilinear motion, translation, rotation, plane motion; work, energy, and power; impulse and momentum.

Discussion

- No discussion.

Motion to add ME 2120 (#23790) and cross-list it with CE 2120 was approved unanimously.

9. Motion to add (J. Chandy, J. Schulman) ME 2140 Computer-Aided Design and Manufacturing (#23751)

Proposed Catalog Copy

ME 2140. Computer-Aided Design and Manufacturing

3.00 credits

Prerequisites: None

Grading Basis: Graded

Basic Computer-Aided Design (CAD) software. Isometric/Orthogonal views and geometric tolerancing exercises will be conducted by hand and with CAD software. General manufacturing techniques. Introduction to CNC principles and GCODE.

Discussion

- Minor revisions were made to the catalog copy to observe best practices.

Motion to add ME 2140 (#23751) was approved unanimously.

10. Motion to add (J. Schulman, M. Hatfield) ME 2250 Fluid Dynamics I (#23752)

Discussion

- Should MATH 2410Q be a co-requisite? It's listed differently in two places.
- This seems more like a revision than a new course. The Registrar's rep suggested just renumbering the 3000-level course.

S. Wilson motioned to table ME 2250 (#23752). J. Schulman seconded. The motion to table was approved unanimously.

Post-Meeting eVote:

Motion to untable and revise (J. Schulman, D. Anagnostopoulos) ME 2250 (3250) Fluid Dynamics I (#23752) [Revise existing course from 3000-level to 2000-level and revise prereqs; effective date Fall 2025]

Current Catalog Copy

ME 3250. Fluid Dynamics I

3.00 credits

Prerequisites: ME 2233; MATH 2110Q and 2410Q. May not be taken for credit after passing CE/ENVE 3120. May not be taken out of sequence after passing ME 3242, 3251, 3270, 3275, 3276, 3280, or 4972.

Grading Basis: Graded

Laws of conservation of mass, momentum, and energy in fluid systems, fluid statics, dimensional analysis, incompressible, inviscid and viscous flows, steady and unsteady flows, internal and external flows.

Proposed Catalog Copy

ME 2250. Fluid Dynamics I

3.00 credits

Prerequisites: ME 2233 or ME 2232E; and MATH 2110Q. Corequisite: Math 2410Q. May not be taken for credit after passing CE/ENVE 3120. May not be taken out of sequence after passing ME 3242, 3251, 3270, 3275, 3276, 3280, or 4972.

Grading Basis: Graded

Laws of conservation of mass, momentum, and energy in fluid systems, fluid statics, dimensional analysis, incompressible, inviscid and viscous flows, internal and external flows. Formerly offered as ME 3250.

Discussion

- No discussion.

Motion to revise ME 3250 to ME 2250 was approved unanimously.

B. Revised 1000- and 2000-level Courses:

1. Motion to revise (M. Hatfield, J. Schulman) HDFS 3120 Introduction to Programs for Young Children (#23872) [Revise level, description]

Current Catalog Copy

HDFS 3120. Introduction to Programs for Young Children

3.00 credits

Prerequisites: Must be taken concurrently with HDFS 3180 or 3183; open to juniors or higher. May not be taken out of sequence after passing HDFS 3126 or 4181.

Grading Basis: Graded

Components of early care and education programs. Guided observations are integrated with lecture material. Designed for students who intend to work with infants and young children.

Revised Catalog Copy

HDFS 2120. Introduction to Programs for Young Children

3.00 credits

Prerequisites: Instructor consent required.

Grading Basis: Graded

Overview of program models that support development and learning for young children and their families including early care and education (0-8 years old); early intervention; and home visiting. Intended for students pursuing professions working with infants, young children, and families. Supervised practicum within Child Development Lab classrooms or approved early childhood program.

Discussion

- No discussion.

Motion to revise HDFS 3120 (#23872) was approved unanimously.

2. Motion to revise (J. Schulman, M. Hatfield) MSE 2053 Materials Characterization and Processing Laboratory (#23231) [Revise credits]

Current Catalog Copy

MSE 2053. Materials Characterization and Processing Laboratory

1.00 credits

Prerequisites: MSE 2001 and MSE 2002. The latter can be taken concurrently

Grading Basis: Graded

First semester of a three-semester MSE laboratory sequence. Foundational aspects of materials processing, specimen preparation, materials characterization, and materials design/selection will be introduced through experiments involving qualitative and quantitative microscopy, mechanical testing, thermal and mechanical processing. Course modules focus on metals, ceramics, and polymers.

Revised Catalog Copy

MSE 2053. Materials Characterization and Processing Laboratory

2.00 credits

Prerequisites: MSE 2001 and MSE 2002. The latter can be taken concurrently.

Grading Basis: Graded

First semester of a three-semester MSE laboratory sequence. Foundational aspects of materials processing, specimen preparation, materials characterization, and materials design/selection will be introduced through experiments involving qualitative and quantitative microscopy, mechanical testing, thermal and mechanical processing. Course modules focus on metals, ceramics, and polymers.

Discussion

- No discussion.

Motion to revise MSE 2053 (23231) was approved unanimously.

C. Revised W or Q Courses:

Note: CCC+ will review the courses below next week. Senate C&C is being asked to pre-approve them pending CCC+ approval in order for the courses to meet the catalog deadline.

1. Motion to revise (M. Hatfield, J. Schulman) DRAM 3141/W-ENGL 3705/W Playwriting (#15085) [W; Add W version, revise description]

Note: CCC+ will review this course next week. Senate C&C is being asked to pre-approve it pending CCC+ approval in order for the course to meet the catalog deadline.

Current Catalog Copy

DRAM 3141. Playwriting

Also offered as: ENGL 3705

3.00 credits | May be repeated for a total of 9 credits.

Prerequisites: Open to juniors or higher, others with instructor consent.

Grading Basis: Graded

The analysis of the basic techniques in playwriting, and the reading and criticism of the students' works in progress. Scripts of outstanding merit may be produced in the Studio or Mobius Theatres.

ENGL 3705. Playwriting

Also offered as: DRAM 3141

3.00 credits | May be repeated for a total of 9 credits.

Prerequisites: Open to juniors or higher, others with instructor consent.

Grading Basis: Graded

The analysis of the basic techniques in playwriting, and the reading and criticism of the students' works in progress. Scripts of outstanding merit may be produced in the Studio or Mobius Theatres.

Revised Catalog Copy

DRAM 3141. Playwriting

Also offered as: ENGL 3705

3.00 credits | May be repeated for a total of 9 credits.

Prerequisites: Open to juniors or higher, others with instructor consent.

Recommended preparation: ENGL 1007 or 1010 or 1011 or 2011.

Grading Basis: Graded

The writing, workshopping, revision, and structuring of plays. Key themes include character development, world-building, action, the voice of the playwright, incorporating dramaturgical feedback, revision, and cultivating consistent writing habits.

DRAM 3141W. Playwriting

Also offered as: ENGL 3705W

3.00 credits | May be repeated for a total of 9 credits.

Prerequisites: ENGL 1007 or 1010 or 1011 or 2011. Open to juniors or higher, others with instructor consent.

Grading Basis: Graded

The writing, workshopping, revision, and structuring of plays. Key themes include character development, world-building, action, the voice of the playwright, incorporating dramaturgical feedback, revision, and cultivating consistent writing habits.

ENGL 3705. Playwriting

Also offered as: DRAM 3141

3.00 credits | May be repeated for a total of 9 credits.

Prerequisites: Open to juniors or higher, others with instructor consent.

Recommended preparation: ENGL 1007 or 1010 or 1011 or 2011.

Grading Basis: Graded

The writing, workshopping, revision, and structuring of plays. Key themes include character development, world-building, action, the voice of the playwright, incorporating dramaturgical feedback, revision, and cultivating consistent writing habits.

ENGL 3705W. Playwriting

Also offered as: DRAM 3141W

3.00 credits | May be repeated for a total of 9 credits.

Prerequisites: ENGL 1007 or 1010 or 1011 or 2011. Open to juniors or higher, others with instructor consent.

Grading Basis: Graded

The writing, workshopping, revision, and structuring of plays. Key themes include character development, world-building, action, the voice of the playwright, incorporating dramaturgical feedback, revision, and cultivating consistent writing habits.

Discussion

- The syllabus needs an F Clause.

Motion to revise DRAM 3141/W-ENGL 3705/W was approved unanimously.

2. Motion to revise (M. Hatfield, M. McKenzie) MARN 4210Q Experimental Design in Marine Ecology (#21727) [Revise credits]

Current Catalog Copy

MARN 4210Q. Experimental Design in Marine Ecology

3.00 credits

Prerequisites: MARN 3001 or EEB 3230/MARN 3014; or instructor consent.

Grading Basis: Graded

Introduction to experimental design and data analysis for marine biology and ecology. Analysis and visualization of experimental data using the statistical software package R. Topics include analysis of variance, replication and pseudoreplication, factorial designs, and significance testing.

Revised Catalog Copy

MARN 4210Q. Experimental Design in Marine Ecology

4.00 credits

Prerequisites: MARN 3001 or EEB 3230/MARN 3014; or instructor consent.

Grading Basis: Graded

Introduction to experimental design and data analysis for marine biology and ecology. Analysis and visualization of experimental data using the statistical software package R. Topics include analysis of variance, replication and pseudoreplication, factorial designs, and significance testing.

Discussion

- It was clarified that 4202Q is typo. The correct course number is 4210Q.

Motion to add MARN 4210Q (#21727) was approved unanimously.

3. Motion to revise (M. Hatfield, J. Schulman) STAT 4916W Writing in Data Science (#22930) [Revise prereqs]

Current Catalog Copy

STAT 4916W. Writing in Data Science

1.00 credits

Prerequisites: STAT 3255; STAT 3025Q or 3375Q or instructor consent; ENGL 1007 or 1010 or 1011 or 2011. Corequisite: STAT 4915 must be taken concurrently with STAT 4916W or instructor consent.

Grading Basis: Graded

The course is a companion course to STAT 4915, which must be taken concurrently. Students will write a well-revised and comprehensive paper on their STAT 4915 course project, including literature review, description of technical details, reproducible statistical and data scientific analyses, and discussion of results.

Revised Catalog Copy

STAT 4916W. Writing in Data Science

1.00 credits

Prerequisites: STAT 3255; STAT 3025Q or 3375Q or MATH 3160 or instructor consent; ENGL 1007 or 1010 or 1011. Corequisite: STAT 4915 must be taken concurrently with STAT 4916W or instructor consent. Open only to Statistical Data Science majors.

Grading Basis: Graded

The course is a companion course to STAT 4915, which must be taken concurrently. Students will write a well-revised and comprehensive paper on their STAT 4915 course project, including literature review, description of technical details, reproducible statistical and data scientific analyses, and discussion of results.

Discussion

- No discussion.

Motion to add STAT 4916W (#22930) was approved unanimously.

1. Motion to revise (J. Schulman, D. Ouimette) WGSS 4994W Senior Seminar (#22708) [W; Revise title and description]
Current Catalog Copy
WGSS 4994W. Senior Seminar
3.00 credits
Prerequisites: ENGL 1007 or 1010 or 1011 or 2011; WGSS 2250. Open to Women's, Gender, and Sexuality Studies majors only. Open to seniors; juniors by consent of instructor. Recommended preparation: WGSS 3265W.
Grading Basis: Graded
Examination of the application of feminist, queer, and trans theories and praxis within institutions and organizations. Discussion of the challenges and contradictions of institutionalization and professionalization of feminist, queer, and trans studies inside and outside of academia. Application of coursework and related experiences as well as exploration of professional career opportunities.

Revised Catalog Copy

WGSS 4994W. Capstone Seminar

3.00 credits

Prerequisites: ENGL 1007 or 1010 or 1011; WGSS 2250. Open to Women's, Gender, and Sexuality Studies majors only. Open to seniors; juniors by consent of instructor. Recommended preparation: WGSS 3265W.

Grading Basis: Graded

Synthesis of studies in the discipline, including discussion of major concerns and topics in WGSS research and praxis. Exploration of post-graduate pathways intersecting with students' interests and goals and application of feminist research methods and theories to a research project.

Discussion

- The syllabus is missing a grade conversion table.

Motion to add WGSS 4994W (#22708) was approved unanimously.

D. Pop-up Course:

1. Motion to add (M. Hatfield, D. Mercier) UNIV 3088 Confronting Anti-Muslim Hatred (#23970)

Discussion

- One SLO is not like the other. The first four are fine. The fifth can't be a learning objective within the course; it can only be a post-course goal.

Motion to add UNIV 3088 (#23970) was approved unanimously.

E. TRUCKs

1. Motion to untable (M. McKenzie, J. Schulman) FREN-ARAB TRUCK [Revise prereqs]

ARAB 3102	FREN 3211W	FREN 3224	FREN 3261
ARAB 3551	FREN 3216	FREN 3231	FREN 3262
ARAB 3559	FREN 3218	FREN 3234	FREN 3267
ARAB 3570	FREN 3220	FREN 3235	FREN 3268
FREN 3210	FREN 3222	FREN 3251	FREN 3268W

Note: This TRUCK was tabled pending consultation with the departments about removing the prerequisites while the courses are not taught in English. A response was received from the LCL.

Discussion

- Senate C&C's jurisdiction for this TRUCK is only over the two W courses.
- Members accepted the department's explanation for the change.

Motion to accept the ARAB/FREN TRUCK revisions was approved unanimously.

V. [Common Curriculum Transitions](#) (Click link to access SharePoint site)

- A. Motion to transition (T. Reardon, S. Wilson) Common Curriculum Direct Transitions

1. EARTH/GEOG 2310E Creating and Sustaining National Parks [EL to TOI-4]
2. EVST 1000E Introduction to Environmental Studies [CA2, CA4 to TOI-4, TOI-5]
3. MAST/HIST/ LLAS 2507 New England and the Caribbean Plantation Complex, 1650-1900 [CA1, CA4 to TOI-2, TOI-5]
4. NUSC 1165 Fundamentals of Nutrition [CA3 to TOI-6]
5. NUSC 1167 Food, Culture and Society [CA4-I to TOI-2]
6. PHIL 1101 Problems of Philosophy [CA1 to TOI-5]
7. PHIL 1103 Philosophical Classics [CA1 to TOI-2, TOI-5]
8. PHIL 1109 Global Existentialism [CA1, CA4-I to TOI-2, TOI-5]
9. PHIL 1175 Ethical Issues in Health Care [CA1 to TOI-5]

Discussion

- No discussion.

Motion to transition the courses above was approved unanimously.

In Attendance (in bold): **Gustavo Nanclares (Chair)**, **Dorothea Anagnostopoulos**, **Pam Bedore** (Ex-officio), **John Chandy**, **Sarah Croucher**, Louis Hanzlik, **Marc Hatfield**, **Laurie McCarty**, **Matt McKenzie**, **Dan Mercier**, **David Ouimette**, **Tina Reardon**, **Sharyn Rusch**, **Josh Schulman**, **Steve Stifano**, **Suzanne Wilson**, Terra Zuidema (Registrar alternate)