Central Connecticut State University
UNIVERSITY SENATE ACTION

Senate Motion Number FS 10.11.018B

TO: President Jack Miller
FROM: President of the University Senate

1. The attached motion of the University Senate, dealing with: Curriculum Committee Report of 3/2/11 is presented to you for your consideration.

2. This motion was adopted by the University Senate on 3/14/2011.

3. After considering this motion, please indicate your action on this form, and return it together with the original copy to the President of the University Senate.

03/27/11
Date

Barr for CBarrington
Candace Barrington, President, University Senate

ENDORSEMENT:

TO: President of the University Senate
FROM: President Jack Miller

1. Motion Approved: 

2. Motion Disapproved: (Explanatory statement must be appended).

3. Action "is deferred": 

4. Resolution Noted: 

5. Other: 

4/4/11
Date

President Jack Miller
To: Faculty Senate  
From: Don Adams, Chair of the Curriculum Committee  
Date: 3/5/2011

On March 2, the Curriculum Committee met and approved the following items. On behalf of the Curriculum Committee, I submit these items for the approval of the Faculty Senate at its meeting on Monday, March 14.

Minor Changes

1. Add the following sentence to the end of the paragraph introducing the list of I-designated General Education courses (i.e. at http://www.ccsu.edu/page.cfm?p=4046):  As explained under Academic Programs ["Academic Programs" hyperlinked to http://www.ccsu.edu/page.cfm?p=3773], in addition to the courses on this list, an approved international education experience will count toward the fulfillment of the International requirement (for more information, see the Center for International Education ["Center for International Education" hyperlinked to http://www.ccsu.edu/page.cfm?p=4053]).

2. LAW 250, change prerequisite from "30 credits completed before beginning course work." to "sophomore standing or higher."

3. COMM 333, change number to 332. This course was created in May, 2006 but it turns out that the number 333 is not available, so in consultation with the Registrar’s office, they’ve agreed to change the number to 332.

OLD BUSINESS

<table>
<thead>
<tr>
<th></th>
<th>History</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Undergraduate/Graduate Course Revision: HIST 445: <strong>change title and description</strong></td>
</tr>
<tr>
<td></td>
<td>HIST 445  European Ideas and Culture, 1750-1918  3</td>
</tr>
<tr>
<td></td>
<td>Prereq.: HIST 301 or permission of instructor. Main currents of European thought and culture from 1750 to 1918. Irregular. [GR]</td>
</tr>
<tr>
<td>2</td>
<td>Undergraduate/Graduate Course Revision: HIST 446: <strong>change title and description</strong></td>
</tr>
<tr>
<td></td>
<td>HIST 446  Ideas and Culture in Europe, 1918-Present  3</td>
</tr>
<tr>
<td></td>
<td>Prereq.: HIST 301 or permission of instructor. Main currents of European thought and culture from 1918 to the present. Irregular. [GR]</td>
</tr>
<tr>
<td>3</td>
<td>Graduate Program Revision: Master of Arts in History</td>
</tr>
<tr>
<td></td>
<td>Under &quot;Master of Arts in History,&quot; after &quot;HIST 599, Thesis (6 credits)&quot; and before &quot;Master of Arts in Public History&quot; replace the current catalog description with the following:</td>
</tr>
<tr>
<td></td>
<td>Electives in history or related fields (6 credits)</td>
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<tr>
<td></td>
<td>The fields of concentration available in the M.A. program are U.S. history, European history, and comparative world history. No more than nine credits can be taken at the 400 level.</td>
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<td></td>
<td>Although proficiency in a language other than English is not a program requirement, students should be aware that it may be necessary for certain research subjects.</td>
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Sociology

<table>
<thead>
<tr>
<th></th>
<th>Sociology</th>
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<tbody>
<tr>
<td>4</td>
<td>Undergraduate Course Addition: SOC 480</td>
</tr>
<tr>
<td></td>
<td>SOC 480  The Polish-American Immigrant and Ethnic Community  3</td>
</tr>
<tr>
<td></td>
<td>Prereqs.: SOC 110 or SOC 212 or HIST 301. Explores the processes of migration and resettlement of Polish immigrants and their descendants in America with a focus on economic, political and social factors. Irregular.</td>
</tr>
<tr>
<td>5</td>
<td>Undergraduate Course Addition: SOC 486</td>
</tr>
</tbody>
</table>
SOC 466  Gas, Food, and Lodging  3  
Prereq.: SOC 110 and 3 additional credits in Sociology. Few technological changes have reshaped our society as rapidly and completely as the automobile has during the last century. This course examines the social influence of the automobile on identity, geography, the environment, community, culture, work, and the family. Irregular.

NEW BUSINESS

**Anthropology**

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<tbody>
<tr>
<td>6</td>
<td>Undergraduate Course Addition: CEN 200</td>
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</tbody>
</table>
|   | CEN 200  Introduction to Community and Civic Engagement  3  
|   | Introduction to the skills, knowledge, and theory for students to solve problems in their own communities, and develop a sense of self and collective efficacy. Emphasis on civic agency, interpersonal, leadership and advocacy skills, critical analysis, appreciation for diversity and an enhanced understanding of community issues and challenges. Required for community engagement minor. Study Area III |
| 7 | Undergraduate Program Addition: Minor in Community Engagement |

**Program Overview:** The Minor in Community Engagement is an interdisciplinary program designed to provide students with the skills and creativity to solve problems in their own communities, and to develop students' own sense of self and collective efficacy. The Community Engagement program allows students to build their civic agency, their interpersonal, leadership and advocacy skills, as well as their academic skills such as critical analysis, appreciation for diversity, and an enhanced understanding of community issues and challenges. The program is ideal for students seeking academic and hands-on opportunities to make a measurable difference in improving the quality of life for citizens in the community and region.

**Program: Minor in Community Engagement:** 17-18 credits, with at least 9 credits on the 300-400 level, distributed as follows:

1. CEN 200 – Introduction to Community and Civic Engagement (3 credits)
2. 6-9 credits from any of the following: ANT 170, COMM 454, ECON 250, ECON 420, EDTE 210, ESCI 278, ENT 301, HIST 302, HIST 403, HIST 405, MGT 295, MGT 403, PHIL 144, PHIL 346, PS 230, PSY 250, SOC 111.
3. 3-6 credits of other courses, as approved by the appropriate department chair and the Community Engagement Committee using the Community Engagement course rubric.
4. (Optional and upon invitation only): The 2-credit course CEN/FYE 301, which may be taken more than once. The course is open only to students with a GPA of 3.0 and higher, and a nomination from a CEN course instructor

**Biology**

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<tbody>
<tr>
<td>8</td>
<td>Undergraduate/Graduate Course Addition: BIO 469</td>
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</tbody>
</table>
|   | BIO 469  Entomology  4  
|   | Prereq.: BIO 200 and BIO 290 or permission of department chair. In depth study of insect systematics and biology. Laboratory includes building an insect collection and working with live specimens. Fall. [GR] |
| 9 | Undergraduate Program Revision: Major in Biology, BS (Non-teaching) |
|   | Under the "Specialization in Ecology, Biodiversity, and Evolutionary Biology," in both places where "BIO 444 Plant Taxonomy 3" occurs, place "BIO 469 Entomology 4" after. |
| 10 | Undergraduate Program Revision: Major in Biology, BS (Certifiable for teaching grades 7-12, 32-34 credits in biology) |
|   | Under "Animal Diversity Elective," add "BIO 469 Entomology 4" after "BIO 421 Marine Invertebrate Biology 4".
| 11 | Graduate Program Revision: Master of Arts in Biological Sciences |
|   | Under "Biological Sciences: Ecology and Environmental Science, M.A." add "BIO 469 Entomology 4" after "BIO 444 Plant Taxonomy 3" |

**Biomolecular Sciences**

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<tbody>
<tr>
<td>12</td>
<td>Undergraduate Course Revision: BMS 306: change description and credits</td>
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<tr>
<td></td>
<td>Change credits from 4 to 3</td>
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<tr>
<td></td>
<td>Delete from end of course description, &quot;three-hour laboratory per week.&quot;</td>
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<tr>
<td>13</td>
<td>Undergraduate Course Addition: BMS 308</td>
</tr>
</tbody>
</table>
BMS 308  Genetics Laboratory  
Prereq.: BMS 308 (may be taken concurrently). Laboratory to accompany BMS 306.

14 Undergraduate Course Revision: BMS 490: change credits only
Change credits from "3 or 4" to "1 to 4"

15 Graduate Course Revision: BMS 540: change credits only
Change credits from "3 or 4" to "1 to 4"

Engineering

16 Undergraduate Course Revision: CE 497: change prerequisites only
Change prerequisites to: CE 253, CE 375, CE 397, ENGR 290 and CE Senior standing.

17 Undergraduate Course Revision: ME 370: change prerequisites only
Change prerequisites to: ENGR 257, ME 354 and ENGR 290

18 Undergraduate Course Revision: ME 454: change from 3 hrs lecture to 2 hrs lecture + 2 hrs lab, change cycling

Add after course description and before cycling: "Two hours lecture and two hours laboratory per week."
Change cycling to "Spring"

19 Undergraduate Program Revision: Major in Civil Engineering, BS
(Note: this is a revision of the "Major in Civil Engineering," NOT the "Major in Civil Engineering Technology")
Under "General Education," under "Skill Area I. Communication Skills" delete COMM 140 and in its place add ENGR 290.
Under "Additional Requirements," delete ENG 403 as an additional program requirement and instead add "Directed Technical Elective 3" right after "Directed Technical Elective 3" (so that students see they need two different 3-credit directed technical electives)

20 Undergraduate Program Revision: Major in Manufacturing Engineering Technology, BS
Under "General Education," under "Skill Area I. Communication Skills" delete COMM 140 and in its place add ENGR 290.
Under "Additional Requirements," delete ENG 403 as an additional program requirement.
Under "Major Requirements," adjust "Directed Electives (w/advisor)" to read "5-6" credits.

21 Undergraduate Program Revision: Major in Mechanical Engineering, BS
Under "General Education," under "Skill Area I. Communication Skills" delete COMM 140 and in its place add ENGR 290.
Under "Additional Requirements," delete ENG 403 as an additional program requirement.
Replace "130-136" with "127-136" where the program says, "The Bachelor of Science in Mechanical Engineering is a program of study requiring 130-136 credits of undergraduate work."
Replace "38" with "35" after "Additional Requirements."

22 Undergraduate Program Revision: Major in Mechanical Engineering Technology, BS
Under "General Education," under "Skill Area I. Communication Skills" delete COMM 140 and in its place add ENGR 290.
Under "Additional Requirements," delete ENG 403 as an additional program requirement.
Change "Directed Electives (2-6 credits)" to "Directed Electives (5-9 credits)"

English

23 Undergraduate Course Revision: ENG 270: change prerequisite only
Prereq.: ENG 110 or equivalent; restricted to English Elementary Education or pre-Elementary Education majors
except by permission of instructor.

24 Undergraduate Course Revision: **ENG 274: change prerequisite only**

Prereq.: ENG 110 or equivalent; restricted to English Elementary Education or pre-Elementary Education majors, except by permission of instructor.

25 Undergraduate Course Revision: **ENG 491 [electronic submission missing]: change prerequisite only**

Prereq.: ENG 110 or equivalent; junior or senior standing required; restricted to English Elementary Education or pre-Elementary Education majors, except by permission of instructor.

26 Undergraduate Course Revision: **ENG 492: change prerequisite and description**

*Change the list of prerequisites to the following:*

Prereq.: ENG 110 or equivalent; junior or senior standing required; restricted to English (Elementary and Secondary) Education majors, except by permission of instructor.

*In course description, delete the following sentence: "Recommended for secondary teachers and reading specialists."*

27 Undergraduate Course Revision: **JRN 236: change number, modify description, delete GenEd credit**

JRN 336 Journalism II 3

Prereq.: JRN 235 or permission of instructor. Builds on JRN 235. Emphasizes news-gathering procedures and the challenges of writing on government, the law, and other areas of journalistic specialization. Formerly ENG 236; no credit given to students with credit for ENG 236 or JRN 236.

[Note: GenEd credit was removed in April 2008, but the change never made it into the catalog]

28 Undergraduate Course Addition: **JRN 340 [electronic submission missing]: add "or permission of instructor"**

JRN 340 Introduction to Broadcast News 3

Prereq.: JRN 200 and 235 (COMM 330 recommended), or permission of instructor. Introduction to the writing, production, and performance requirements of TV news.

29 Undergraduate Course Addition: **JRN 440: add "or permission of instructor"**

JRN 440 TV News Practicum 3

Prereq.: JRN 200, 235, 340, and COMM 330 (or related video/television production experience), or permission of instructor. Direct experience in the production of TV news. May be repeated for up to 6 credits.

**First Year Seminar**

30 **FYS 102 course approval and GenEd placement**

**FYS 102: Eco-Social Justice: Creating A Multicultural Sustainable Commons**

Ecojustice seeks a movement to change our current non-sustainable social and ecological realities and exploitative mindsets. Considering alternative eco-social ways of knowing that nurture, grow, support, revitalize and empower sustainable common communities, this course will provide participants opportunity to become socially and ecologically transformative people and professionals. Addressing destructive powers of a capitalist paradigm at a deeper ecological level, this course will emphasize awareness and action toward the many societal 'isms' experienced and exacerbated in competitive market-based culture while simultaneously responding to the accelerating demise of sustainable natural and human ecosystems. Participants will re-examine their daily lives in terms of market and commons based culture, learn an intergenerational commons skill from a local community mentor, and will be exposed to theoretical frameworks, films and texts that connect Ecojustice to their lives and learning. Participants will take action towards revitalizing a particular common of their choice within the local commons of the university or their own hometown communities. Interactive course sessions, discussion, and readings will provide participants support background for understanding the purpose and importance of their fieldwork experience. Reinforcing ideas of interdependence and community, participants will further disengage from a market-culture societal mindset, positively affecting their abilities to critically analyze sociocultural contexts, larger sociopolitical situations, and draw upon the common-culture solutions that exist within their local communities. Current efforts and future potential of an eco-social justice movement will also be explored. Particularly for prospective educators in any field, course and fieldwork is relevant and open to all subject area majors. [Study Area II]

31 **FYS 103 course approval and GenEd placement**

**FYS 103: Community, Creativity, and Social Change**

This course is intended for students who want to better understand our world and how to use (non-violent) activism to change it for the better. This course will be deeply embedded in communities (downtown New Britain / North End of Hartford) where students will spend time gathering information, establishing connections and relationships, and collaborating with community leaders to design a community project to enact that will lead to positive change. Using the Civil Rights Movement as model, students will explore and apply spiritual, social,
psychological, economic, and other factors that influence large scale change. The semester will culminate with a community-wide project designed by CCSU students and community members. [Study Area III]

<table>
<thead>
<tr>
<th>32</th>
<th>FYS 104 course approval and GenEd placement</th>
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**FYS 104: The Undead Ate My Science Homework: Zombies and 20th Century Science**

This course will focus on controversial scientific discoveries and applications of the 20th century as seen through the lens of zombie films, as well as the complex intersections between science and ethics and science and technology. In order for an informed discussion of the controversies surrounding such advances to commence, a solid backbone of scientific content must form the core of the course. Topics to be covered include: Scientific method and experimental design; Ethics and scientific experimentation; The importance of scientific literacy; Development of nuclear weapons and nuclear power; The Space Race; science, politics, and economics; panspermia and life on other worlds; Pandemics; Biological and Chemical warfare; Genetic Engineering; Genetically Modified Foods, and Cloning; Patenting organisms and genetic sequences; Eugenics; Clinical death, Life extension, Euthanasia, and Transplantation.

[This course is based on and further extends the scientific content contained in a section of HON 210 Western Culture II (Seeing the 20th Century Through Undead Eyes) taught in the fall 2010 semester.] [Study Area IV]

**Manufacturing and Construction Management**

<table>
<thead>
<tr>
<th>33</th>
<th>Undergraduate Course Addition: ROBO 110</th>
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</thead>
</table>

ROBO 110 Introduction to Robotics and Mechatronics 3
Introduction to fundamentals of Mechatronics and Robotics systems. Topics include programming, types of sensors and actuators and their use. Two hours of lecture and two hours of lab per week. Fall.

<table>
<thead>
<tr>
<th>34</th>
<th>Undergraduate Course Addition: ROBO 220</th>
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</thead>
</table>

ROBO 220 Parametric Modeling and Simulation 3
Parametric design techniques applied to part and assembly modeling. Topics include solid, surface, and assembly modeling, design simulation, optimization, and documentation. Two hours of lecture and two hours of lab per week. Spring.

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<thead>
<tr>
<th>35</th>
<th>Undergraduate Course Addition: ROBO 240</th>
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</thead>
</table>

ROBO 240 Electro-Mechanical Converters and Drivers 3
Prereq.: CET 236. Introduction to electromagnetic energy conversion, DC and induction motors, power electronics, adjustable speed drives for control of motors and their function in control systems. Two hours of lecture and two hours of lab per week. Spring.

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<thead>
<tr>
<th>36</th>
<th>Undergraduate Course Addition: ROBO 310</th>
</tr>
</thead>
</table>

ROBO 310 Data Acquisition & Processing 3
Prereq.: CET 323 and CET 353. Microprocessor-based techniques for data acquisition and processing, including sensors, interfacing, sampling, reconstruction, and computer communications. Signal processing based on error analysis and statistics. Two hours of lecture and two hours of lab per week. Fall.

<table>
<thead>
<tr>
<th>37</th>
<th>Undergraduate Course Addition: ROBO 330</th>
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</table>

ROBO 330 Fluid Power Systems 3
Prereq.: ET 354. Study of the design and fabrication of fluid-based power systems, including hydraulics and pneumatics. Two hours of lecture and two hours of lab per week. Fall.

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<tr>
<th>38</th>
<th>Undergraduate Course Addition: ROBO 350</th>
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[Proviso required for the approval of the Dean of A&S: the School of Technology has agreed to cover costs for additional sections of Math courses if necessary to meet the needs of this program. Agreed to via email by Dean Kremens Wednesday, February 16, 2011 at 11:30 AM.]

ROBO 350 Applied Control Systems I 3
Prereq.: ROBO 310, MATH 221. Feedback and feed forward regulation for continuous and discrete systems; performance analysis and design of automatic control systems; transfer functions; block diagrams. PID and lead-lag compensation. Two hours of lecture and two hours of lab per week. Spring.

<table>
<thead>
<tr>
<th>39</th>
<th>Undergraduate Course Addition: ROBO 370</th>
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</thead>
</table>

[Proviso required for the approval of the Dean of A&S: the School of Technology has agreed to cover costs for additional sections of Math courses if necessary to meet the needs of this program. Agreed to via email by Dean Kremens Wednesday, February 16, 2011 at 11:30 AM.]

ROBO 370 Mechanisms for Automation 3
Prereq.: ROBO 220, MATH 226, MFG 216, ET 252, and ET 357. Analysis and synthesis of mechanism. Introduction to mechanical transmission and control components. Two hours of lecture and two hours of lab per week. Spring.

http://www.ccsu.edu/page.cfm?p=7376
## Undergraduate Course Addition: ROBO 380

ROBO 380 Mechatronics 3  
Prereq.: ROBO 240, ROBO 330, ROBO 350, ROBO 370, and CET 453. Analysis, modelling and prototyping of embedded systems. Identification of commonly used digital controller; introduction to nonlinear affects and their compensation in mechatronic systems. Two hours of lecture and two hours of lab per week. Fall.

## Undergraduate Course Addition: ROBO 460

[Proviso required for the approval of the Dean of A&S: the School of Technology has agreed to cover costs for additional sections of Math courses if necessary to meet the needs of this program. Agreed to via email by Dean Krems Wednesday, February 16, 2011 at 11:30 AM.]

ROBO 460 Applied Control Systems II 3  
Prereq.: ROBO 350, MATH 355, and ETM 358. Programmable controllers, human-machine interface, distributed and supervisory control systems for manufacturing and processing systems. Process control of level, heat, flow, pressure, and PH. Two hours of lecture and two hours of lab per week. Fall.

## Undergraduate Course Addition: ROBO 470

ROBO 470 Robotics Systems Engineering and Analysis 3  
Prereq.: ROBO 110. Principles of design and practical approaches to systems engineering. Life-cycle costing, scheduling, risk management, functional analysis, conceptual and detail design, test evaluation, project management. Three hours of lecture per week. Fall.

## Undergraduate Course Addition: ROBO 480

ROBO 480 Industrial Robotics 3  
Prereq.: ROBO 380, and ROBO 460. Introduction to the science of flexible automata and robot kinematics. Students will model, design, plan, program, select, and implement industrial robot systems. Two hours of lecture and two hours of lab per week. Spring.

## Undergraduate Course Addition: ROBO 496

ROBO 496 Industrial Internship 3  
Prereq.: senior standing and permission of instructor. Supervised work opportunity in an industrial environment directly related to the program. Written technical reports and program assessments are required. Students are recommended to take internship after junior year. Graded on a pass/fail basis. Summer.

## Undergraduate Course Addition: ROBO 497

ROBO 497 Capstone Senior Project 3  
Prereq.: open only to Robotics and Mechatronics majors; senior standing, and permission of instructor. Research leading to the simulation and construction of a prototype robotics/mechatronics project that is presented orally and in writing. Project must satisfy relevant requirements and show sound technical judgment. Spring.

## Undergraduate Program Addition: Robotics and Mechatronics Engineering Technology, BS (81 credits)

This sequence of courses is designed to supply the student with knowledge and experiences that will enable him/her to work with and design robotic and mechatronic systems. The emphasis is on developing the practical, hands-on skills engineers need in order to meet modern industrial demands. This is a 130-credit program.

### Core Requirements (39 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ROBO 110</td>
<td>Introduction to Robotics and Mechatronics</td>
<td>3</td>
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<tr>
<td>ROBO 220</td>
<td>Parametric Modeling and Simulation</td>
<td>3</td>
</tr>
<tr>
<td>ROBO 240</td>
<td>Electro-Mechanical Converters and Drivers</td>
<td>3</td>
</tr>
<tr>
<td>ROBO 310</td>
<td>Data Acquisition &amp; Processing</td>
<td>3</td>
</tr>
<tr>
<td>ROBO 330</td>
<td>Fluid Power Systems</td>
<td>3</td>
</tr>
<tr>
<td>ROBO 350</td>
<td>Applied Control Systems I</td>
<td>3</td>
</tr>
<tr>
<td>ROBO 370</td>
<td>Mechanisms for Automation</td>
<td>3</td>
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<tr>
<td>ROBO 380</td>
<td>Mechatronics</td>
<td>3</td>
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<tr>
<td>ROBO 480</td>
<td>Applied Control Systems II</td>
<td>3</td>
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<tr>
<td>ROBO 470</td>
<td>Robotics Systems Engineering and Analysis</td>
<td>3</td>
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<tr>
<td>ROBO 480</td>
<td>Industrial Robotics</td>
<td>3</td>
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<tr>
<td>ROBO 496</td>
<td>Industrial Internship</td>
<td>3</td>
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<tr>
<td>ROBO 497</td>
<td>Capstone Senior Project</td>
<td>3</td>
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### Additional Requirements (42 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CET 236</td>
<td>Circuit Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CET 323</td>
<td>Electronic Circuits</td>
<td>3</td>
</tr>
<tr>
<td>CET 363</td>
<td>Digital Circuits</td>
<td>3</td>
</tr>
<tr>
<td>CET 453</td>
<td>Microcomputers</td>
<td>3</td>
</tr>
<tr>
<td>ET 281</td>
<td>Applied Mechanics I - Statics</td>
<td>3</td>
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http://www.ccsu.edu/page.cfm?p=7376
ET 252 Applied Mechanics II - Dynamics 3
ET 354 Applied Fluid Mechanics 3
ET 357 Strength of Materials 3
ETM 359 Applied Thermodynamics 3
MFG 216 Manufacturing Processes 3
MATH 221 Calculus II 4
MATH 226 Linear Algebra and Probability for Engineers 4
MATH 355 Introduction to Differential Equations with Applications 4

Electives (1-7 credits, unrestricted)

Requirements in General Education (42-48 credits)

Study Area I: Arts & Humanities 9
  3 credits of literature
  3 credits of PHIL or fine arts
  3 credits of PHIL or fine arts

Study Area II: Social Sciences 6
  6 credits in History, Economics or ET 399

Study Area III: Behavioral Sciences 3
  3 credits in Anthropology, Psychology or Sociology

Study Area IV: Natural Sciences 8
  8 credits including PHYS 125, CHEM 161, and CHEM 162

Skill Area I: Communication Skills 6
  6 credits including ENG 110, and COMM 140

Skill Area II: Mathematics 8
  8 credits including MATH 119, and MATH 152

Skill Area III: Foreign Language 0-6
  Foreign Language and International requirement

Skill Area IV: University Requirement 2
  2 credits from PE 144

Mathematics

47 Undergraduate Course Revision: MATH 211: change prerequisites only

Add MATH 120 as follows:
Prereq.: MATH 152 and MATH 120 (C- or higher)

48 Undergraduate Course Revision: MATH 305: change prerequisites and description

MATH 305 Structure of Mathematics III: Number Patterns 3
Prereq.: MATH 213 and either MATH 115, 116 (formerly MATH 121) or MATH 119 (all with C- or higher); open
only for students seeking elementary certification. Exploratory approach to number patterns and functions.
Topics include prime and composite numbers, perfect numbers, Fibonacci numbers, figurative numbers,
Pythagorean triples, and sequences. Calculators will be used.

49 Undergraduate Course Revision: MATH 306: change prerequisites and description

MATH 306 Structure of Mathematics IV: Development of Geometric Ideas
Prereq.: MATH 213 and either MATH 115, MATH 116 (formerly MATH 121) or MATH 119 (all with C- or higher);
open only for students seeking elementary certification. Exploration of geometric concepts via hands-on
activities and computer software. Topics include congruence, similarity, transformations, tessellations, and
fractals.

50 Undergraduate Course Revision: MATH 311: change prerequisite only

Change "C- or higher" to "B- or higher"

51 Undergraduate Course Revision: MATH 327: change description and cycling

Intended for students seeking certification to teach mathematics at the secondary level. Examination of the
content of the mathematics curriculum in grades 7-12, with emphasis on the development of algebraic thinking
across grade levels, probability and statistics, and the use of explorations. Geometer's Sketchpad, and graphing
calculators. Graphing calculator required. Spring.

52 Undergraduate Course Revision: MATH 328: change description and cycling

Intended for students seeking certification to teach mathematics at the secondary level. Examination of the
content of the mathematics curriculum in grades 7-12, with emphasis on the teaching of geometry and discrete
mathematics, including the use of geometric drawing programs, and the internet. Geometer's Sketchpad and

<table>
<thead>
<tr>
<th>Course Revision</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>MATH 409</strong></td>
<td>Change prerequisites and description</td>
</tr>
<tr>
<td><strong>MATH 411</strong></td>
<td>Change prerequisite only</td>
</tr>
<tr>
<td><strong>MATH 113</strong></td>
<td>Change prerequisite and description, re-affirm Skill Area II credit</td>
</tr>
<tr>
<td><strong>MATH 213</strong></td>
<td>Change prerequisite and description, re-affirm Skill Area II credit</td>
</tr>
<tr>
<td><strong>MATH 412</strong></td>
<td>Change prerequisites and description</td>
</tr>
</tbody>
</table>

**Revised Course Entry:**

MATH 412  
Elementary Mathematical Methods  
3  
Prereq.: MATH 213 (C- or higher); open only for students seeking elementary certification. Concepts underlying contemporary mathematics curriculum for elementary grades. Appropriate methods for developing concepts, through problem solving, including the meaning of operations and procedures in arithmetic. This course is for teacher certification only and graduate credit will not be granted.

**Modern Languages**

<table>
<thead>
<tr>
<th>Course Revision</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FR 225</strong></td>
<td>Change course title only</td>
</tr>
<tr>
<td><strong>FR 226</strong></td>
<td>Change course title only</td>
</tr>
<tr>
<td><strong>FR 301</strong></td>
<td>Change course number, title, prerequisites and description</td>
</tr>
<tr>
<td><strong>FR 302</strong></td>
<td>Change course number, title, prerequisites and description</td>
</tr>
<tr>
<td><strong>GER 304</strong></td>
<td>Change title and prerequisites</td>
</tr>
</tbody>
</table>
New Title: Introduction to German Literature I
New Prerequisites: GER 225 or GER 226 (either may be taken concurrently)

63 Undergraduate Course Revision: GER 305: change title and prerequisites

New Title: Introduction to German Literature II
New Prerequisites: GER 225 or GER 226 (either may be taken concurrently)

64 Undergraduate Course Revision: GER 315: change description
Add “Taught in German.” at the beginning of the course description after the prerequisites.

65 Undergraduate Course Revision: GER 316: change description
Add “Taught in German.” at the beginning of the course description after the prerequisites.

66 Undergraduate Course Revision: GER 451: change number, title, description

Revised Course Entry:
GER 441 Advanced Oral Practice 3
Prereq.: Permission of instructor. Taught in German. Further development of oral proficiency for the advanced student. On demand. [I]

67 Undergraduate Course Deletion: ITAL 260

68 Undergraduate Course Revision: ITAL 304: change title only

New Title: Introduction to Italian Literature I

69 Undergraduate Course Revision: ITAL 305: change title and prerequisites

New Title: Introduction to Italian Literature II
New Prerequisites: ITAL 225 or ITAL 226 (either may be taken concurrently) or permission of instructor.

70 Undergraduate Course Revision: JAPN 225: change title and description

New Title: Intermediate Japanese III
New Description: Designed to improve speaking skills through discussion of contemporary texts. Further study of grammar.

71 Undergraduate Course Revision: JAPN 226: change title and description

New Title: Intermediate Japanese IV
New Description: Designed to develop current idiomatic usage and fluency of expression. Further study of grammar.

72 Undergraduate Course Revision: JAPN 335: change title and description

Revised Course Entry:
JAPN 335 Japanese for Oral Expression I 3
Prereq.: JAPN 226 or equivalent. Taught in Japanese. Designed to further develop oral proficiency through the discussion of contemporary texts. Fall. [I]

73 Undergraduate Course Revision: JAPN 336: change title, prerequisites, description

Revised Course Entry:
JAPN 336 Japanese for Oral Expression II 3
Prereq.: JAPN 226 or permission of instructor. Taught in Japanese. Designed to continue developing oral proficiency through further study of grammar and discussion of contemporary texts. Spring. [I]

74 Undergraduate Course Revision: SPAN 225: change description only
First sentence of description should read as follows: Designed to help students improve listening and speaking
skills through a variety of texts.

75 Undergraduate Course Revision: SPAN 226: change description only

First sentence of description should read as follows: Designed to help students improve reading and writing skills through a variety of texts.

76 Undergraduate Course Revision: SPAN 304: change title

New Title: Introduction to Spanish Literature I

77 Undergraduate Course Revision: SPAN 305: change title only

New Title: Introduction to Spanish Literature II

78 Undergraduate Course Deletion: SPAN 371

79 Undergraduate Course Revision: SPAN 375: change title and prerequisites

New Title: Introduction to Spanish American Literature I

New Prerequisites: SPAN 225 or SPAN 226 or SPAN 290 or SPAN 291 or SPAN 300 (any may be taken concurrently), or permission of instructor.

80 Undergraduate Course Revision: SPAN 376: change title and prerequisites

New Title: Introduction to Spanish American Literature II

New Prerequisites: SPAN 225 or SPAN 226 or SPAN 290 or SPAN 291 or SPAN 300 (any may be taken concurrently), or permission of instructor.

81 Undergraduate Course Deletion: SPAN 481

82 Undergraduate Program Revision: Minor in Modern Language: update minor based on above changes

Change course titles to reflect current proposals:

JAPN 225 Intermediate Japanese III 3
JAPN 226 Intermediate Japanese IV 3
JAPN 335 Japanese for Oral Expression I 3
JAPN 336 Japanese for Oral Expression II 3

83 Undergraduate Program Revision: Major in French, BA: update major based on above changes

FR 125 Intermediate French I 3
FR 126 Intermediate French II 3
FR 225 Intermediate French III 3
FR 226 Intermediate French IV 3
FR 304 Introduction to French Literature 3
FR 305 Introduction to Francophone Literature 3
FR 316 Aspects of French History & Culture 3
FR 316 Contemporary France 3
Directed electives 6

84 Undergraduate Program Revision: Major in French, BS (Certifiable for secondary teaching, 36 credits)

Update course numbers and titles to reflect current changes:

FR 125 Intermediate French I 3
FR 126 Intermediate French II 3
FR 225 Intermediate French III 3
FR 226 Intermediate French IV 3
FR 304 Introduction to French Literature 3
FR 305 Introduction to Francophone Literature 3
FR 316 Aspects of French History & Culture 3
FR 316 Contemporary France 3
Directed electives 6

85 Undergraduate Program Revision: Major in German, BA

Change course titles to reflect current proposals:

GER 304 Introduction to German Literature I 3
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GER 305</td>
<td>Introduction to German Literature II</td>
<td>3</td>
</tr>
</tbody>
</table>

**86 Undergraduate Program Revision: Major in German, BS (Certifiable for secondary teaching)**

*Change course titles to reflect current proposals:*
- GER 304  Introduction to German Literature I  3
- GER 305  Introduction to German Literature II  3

**87 Undergraduate Program Revision: Major in Italian, BA**

*Change course titles to reflect current proposals:*
- ITAL 304  Introduction to Italian Literature I  3
- ITAL 305  Introduction to Italian Literature II  3

*Combine items 90-91 (the catalog does not have separate links for specializations)*

**89 Undergraduate Program Revision: Major in Spanish, BA**

**90 Undergraduate Program Revision: Major in Spanish, BA (Specialization)**

*Change course titles to reflect current proposals, minor revisions for clarity and catalog-consistency, add Specialization*

**Major in Spanish, BA (30 credits)**

**Spanish Language (12 credits)**

For non-native speakers:
- SPAN 125  Intermediate Spanish I  3
- SPAN 126  Intermediate Spanish II  3
- SPAN 225  Intermediate Spanish III  3
- SPAN 226  Intermediate Spanish IV  3

or

For native speakers:
- SPAN 190  Language for Heritage Speakers of Spanish I  3
- SPAN 191  Language for Heritage Speakers of Spanish II  3
- SPAN 290  Hispanic Culture for Heritage Speakers of Spanish I  3
- SPAN 291  Hispanic Culture for Heritage Speakers of Spanish II  3

**Spanish and Spanish-American Literatures and Cultures (15 credits)**

15 credits from:
- SPAN 300  Literary Analysis  3
- SPAN 304  Introduction to Spanish Literature I  3
- SPAN 305  Introduction to Spanish Literature II  3
- SPAN 315  Spanish Civilization  3
- SPAN 316  Latin American Civilization  3
- SPAN 375  Introduction to Spanish American Literature I  3
- SPAN 376  Introduction to Spanish American Literature II  3

and three credits of directed electives (selected in consultation with advisor).

For students with advanced preparation, appropriate substitutions will be made.

**Specialization in Inter-University Spanish Language and Hispanic Cultures**

Students must complete 12 credits at one of our Spanish-speaking partner institutions abroad during one semester. The 12 credits may be taken in language, culture and/or literature as appropriate to the student's level.
of proficiency and upon recommendation of student's academic advisor at CCSU. These credits may apply to the core requirements of the major.

Combine items 92-93 (the catalog does not have separate links for specializations)

91 Undergraduate Program Revision: Major in Spanish, BS (Certifiable for secondary teaching)

92 Undergraduate Program Revision: Major in Spanish, BS (Certifiable for secondary teaching - Specialization)

Change course titles to reflect current proposals, minor revisions for clarity and catalog-consistency, add Specialization

Major in Spanish, BS (Certifiable for secondary teaching, 73 credits)

Spanish Language (12 credits)

For non-native speakers:

SPAN 125 Intermediate Spanish I 3
SPAN 126 Intermediate Spanish II 3
SPAN 225 Intermediate Spanish III 3
SPAN 226 Intermediate Spanish IV 3

or

For native speakers:

SPAN 190 Language for Heritage Speakers of Spanish I 3
SPAN 191 Language for Heritage Speakers of Spanish II 3
SPAN 290 Hispanic Culture for Heritage Speakers of Spanish I 3
SPAN 291 Hispanic Culture for Heritage Speakers of Spanish II 3

Spanish and Spanish-American Literatures and Cultures (24 credits)

SPAN 300 Literary Analysis 3
SPAN 304 Introduction to Spanish Literature I 3
or
SPAN 305 Introduction to Spanish Literature II 3
SPAN 315 Spanish Civilization 3
SPAN 316 Latin American Civilization 3
SPAN 335 Advanced Spanish for Oral Expression 3
SPAN 336 Advanced Spanish Composition 3
SPAN 375 Introduction to Spanish American Literature I 3
or
SPAN 376 Introduction to Spanish American Literature II 3

Directed electives 3

Secondary Teaching Requirements (37 credits):

SPED 315 Introduction to Educating Learners with Exceptionalities 3
EDTE 316 Principles of Learning (SecX-12) 4
RDG 440 Literacy in Secondary School 3
EDF 415 Educational Foundations 3
EDSC 425 Principles of Secondary Education 3
EDSC 435 Secondary Education Student Teaching 9
ML 428 Methods and Materials for Teaching World Languages at Elementary School Level 3
ML 429 Seminar in Modern Language Teaching Methods 4
ML 440 Student Teaching Seminar in Modern Languages 1
ML 490 Teaching World Languages II: Acquisition in Young Children for Teachers of World Languages 3
or
LING 300 Language Acquisition 3
EDT 315 Educational Technology in the Secondary School Classroom 1

For students with advanced preparation, appropriate substitutions will be made. No minor required.

Specialization in Inter-University Spanish Language and Hispanic Cultures

Students must complete 12 credits at one of our Spanish-speaking partner institutions abroad during one semester. The 12 credits may be taken in language, culture and/or literature as appropriate to the student's level of proficiency and upon recommendation of student's academic advisor at CCSU. These credits may apply to the core requirements of the major.

Note: Students of this specialization are strongly encouraged to complete their study abroad component during their sophomore year.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 213</td>
<td>Undergraduate Course Revision: MUS 213</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 113&quot; in the prerequisite</td>
</tr>
<tr>
<td>MUS 251</td>
<td>Undergraduate Course Revision: MUS 251</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 250&quot; in the prerequisite</td>
</tr>
<tr>
<td>MUS 367</td>
<td>Undergraduate Course Revision: MUS 367</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 222&quot; in the prerequisite</td>
</tr>
<tr>
<td>MUS 350</td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 251&quot; in the prerequisite</td>
</tr>
<tr>
<td></td>
<td>Delete &quot;Fall&quot; from the end of the course description</td>
</tr>
<tr>
<td>MUS 351</td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 350&quot; in the prerequisite</td>
</tr>
<tr>
<td></td>
<td>Delete &quot;Spring&quot; from the end of the course description</td>
</tr>
<tr>
<td>MUS 273</td>
<td>Undergraduate Course Revision: MUS 273</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 121&quot; in the prerequisite</td>
</tr>
<tr>
<td></td>
<td>Delete &quot;Fall&quot; from the end of the course description</td>
</tr>
<tr>
<td>MUS 274</td>
<td>Undergraduate Course Revision: MUS 274</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(C- or higher)&quot; after &quot;MUS 273&quot; in the prerequisite</td>
</tr>
<tr>
<td></td>
<td>Delete &quot;Spring&quot; from the end of the course description</td>
</tr>
<tr>
<td>MUS 114</td>
<td>Change prerequisite to:</td>
</tr>
<tr>
<td></td>
<td>Prereq.: MUS 109 or MUS 121, and MUS 250 (or equivalent skills) (both with C- or higher). Any may be taken concurrently.</td>
</tr>
<tr>
<td>MUS 269</td>
<td>Undergraduate Course Revision: MUS 269</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(both with C- or higher)&quot; after &quot;MUS 114&quot; in the prerequisite</td>
</tr>
<tr>
<td>MUS 295</td>
<td>Undergraduate Course Revision: MUS 295</td>
</tr>
<tr>
<td></td>
<td>Add &quot;(both with C- or higher)&quot; as follows in the prerequisite:</td>
</tr>
<tr>
<td></td>
<td>MUS 114 and MUS 221 (both with C- or higher); or permission of instructor</td>
</tr>
<tr>
<td>MUS 380</td>
<td>Change prerequisite to the following:</td>
</tr>
<tr>
<td></td>
<td>Prereq.: MUS 114 (C- or higher); open only to Music majors; or permission of instructor.</td>
</tr>
<tr>
<td>MUS 141</td>
<td>Undergraduate Course Revision: MUS 141: change prerequisite and description</td>
</tr>
<tr>
<td></td>
<td>Change course to the following:</td>
</tr>
<tr>
<td></td>
<td>MUS 141 Chorus 1</td>
</tr>
<tr>
<td></td>
<td>Prereq.: basic proficiency in singing; or permission of instructor. A variety of choral literature will be performed each semester. May be repeated for credit with different course content.</td>
</tr>
<tr>
<td>MUS 142A</td>
<td>Undergraduate Course Revision: MUS 142A: change prerequisite and description</td>
</tr>
<tr>
<td>Course</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>MUS 142A</td>
<td>Band: Wind Symphony 1 &lt;br&gt;Prereq.: basic proficiency in playing a wind, brass, or percussion instrument; or permission of instructor. A variety of band literature will be performed each semester. May be repeated for credit with different content.</td>
</tr>
<tr>
<td>MUS 143</td>
<td>Sinfonietta 1 &lt;br&gt;Prereq.: basic proficiency in playing a string, wind, brass, or percussion instrument; or permission of instructor. Standard orchestral literature will be played each semester. May be repeated for credit with different content.</td>
</tr>
<tr>
<td>MUS 144</td>
<td>Marching Band 1 &lt;br&gt;Prereq.: basic proficiency in playing a wind, brass, or percussion instrument; or permission of instructor. Performance of marching band music and opportunities to perform at football games and other special events. May be repeated for credit with different content.</td>
</tr>
<tr>
<td>MUS 177</td>
<td>Applied Music 1 &lt;br&gt;Prereq.: open to non-majors by permission of instructor. Individual instrumental or vocal instruction in performance. May be repeated with different content for up to 6 credits. Fee: $300 per semester. (Fee subject to change).</td>
</tr>
<tr>
<td>MUS 178</td>
<td>Applied Music for Majors 2 &lt;br&gt;Prereq.: open only to Music majors. Individual instrumental or vocal instruction in performance. May be repeated with different content for a total of 6 credits. Fee: $400 per semester. (Fee subject to change.)</td>
</tr>
<tr>
<td>MUS 368</td>
<td>Change prerequisite to the following: &lt;br&gt;Prereq.: MUS 222 and MUS 367 (both with C- or higher); or permission of instructor.</td>
</tr>
<tr>
<td>MUS 390</td>
<td>Change prerequisite to the following: &lt;br&gt;Prereq.: MUS 114 and MUS 222 (both with C- or higher); or permission of instructor.</td>
</tr>
<tr>
<td>MUS 395</td>
<td>Change prerequisite to the following: &lt;br&gt;Prereq.: MUS 222 and MUS 295 (both with C- or higher); open only to Music majors; or permission of instructor.</td>
</tr>
<tr>
<td>MUS 115</td>
<td>Aural Skills I 1 &lt;br&gt;Prereq.: Open only to Music majors. Coreq.: MUS 121. Development of sight-singing skills, diatonic major and minor materials.</td>
</tr>
<tr>
<td>MUS 116</td>
<td>Change cycling to every semester</td>
</tr>
<tr>
<td>MUS 117</td>
<td>Change description only (add &quot;with different content&quot; in repeat line)</td>
</tr>
</tbody>
</table>

http://www.ccsu.edu/page.cfm?p=7376
Change course to the following:

MUS 116  Aural Skills II  1
Prereq.: Open only to Music majors. Coreq.: MUS 122. Continued development of diatonic major and minor sight singing and ear training skills. Introduction to chromatic materials.

115 Undergraduate Course Revision: MUS 121: change cycling to every semester

Change course to the following:

MUS 121  Music Theory I  2
Prereq.: MUS 114 (may be taken concurrently); open only to Music majors or minors; or permission of instructor. Coreq.: MUS 115. Basic properties of music with emphasis on melodic materials; study includes stylistic analysis, composition, two- and three-part counterpoint.

116 Undergraduate Course Revision: MUS 122: change cycling to every semester

Change course to the following:

MUS 122  Music Theory II  2
Prereq.: MUS 121 (C- or higher); open only to Music majors or minors; or permission of instructor. Coreq.: MUS 116. Homophonic texture and diatonic harmonic relations, form, and analysis.

117 Undergraduate Course Revision: MUS 215: change prerequisite, add corequisite

Change course to the following:

MUS 215  Aural Skills III  1
Prereq.: MUS 116 (C- or higher); open only to Music majors. Coreq.: MUS 221. Continued development of diatonic major and minor sight singing and ear-training skills. Introduction to modulatory materials.

118 Undergraduate Course Revision: MUS 216: change cycling to every semester

Change course to the following:

MUS 216  Aural Skills IV  1
Prereq.: MUS 215 (C- or higher); open only to Music majors. Coreq.: MUS 222. Continued development of diatonic major and minor sight singing and ear-training skills. Expanded tonal and atonal materials.

119 Undergraduate Course Revision: MUS 221: change cycling to every semester

Change course to the following:

MUS 221  Music Theory III  2
Prereq.: MUS 122 (C- or higher); open only to Music majors. Coreq.: MUS 215. Harmonic relations continued; chromatic and higher tertian harmony, form, and analysis continued, basic principles of orchestration.

120 Undergraduate Course Revision: MUS 222: change cycling to every semester

Change course to the following:

MUS 222  Music Theory IV  2
Prereq.: MUS 221 (C- or higher); open only to Music majors. Coreq.: MUS 216. Study of historical forms and contrapuntal techniques through analysis, composition, and performance, continuation of orchestration study.

121 Undergraduate Course Revision: MUS 259: change cycling to every semester

Change course to the following:

MUS 259  Vocal Methods  1
Prereq.: open only to Music majors. Methods and materials of class instruction in voice.

122 Undergraduate Course Revision: MUS 261: change cycling to every semester

Change course to the following:

MUS 261  Woodwind Methods  1
Prereq.: open only to Music majors. Beginning class instruction in woodwind instruments.

123 Undergraduate Course Revision: MUS 262: change cycling
Delete "Spring" from end of course description

124 Undergraduate Course Revision: MUS 263: change cycling to every semester

Change course to the following:
MUS 263 Percussion Methods 1
Prereq.: open only to Music majors. Class instruction in snare drum, tympani, and related orchestral and band percussion instruments.

125 Undergraduate Course Revision: MUS 264: change cycling to every semester

Delete "Fall" from end of course description.

126 Undergraduate Course Revision: MUS 267: change cycling to every semester

Change course to the following:
MUS 267 String Methods: Violin and Viola 1
Prereq.: open only to Music majors. Methods and materials of class instruction in violin and viola.

127 Undergraduate Course Revision: MUS 278

Change course to the following:
MUS 278 Applied Music for Majors II 2
Prereq.: MUS 178 (C or higher); open only to Music majors. Individual instrumental or vocal instruction in performance. May be repeated for up to 6 credits. Fee: $400 per semester. (Fee subject to change).

128 Undergraduate Course Revision: MUS 378

Change course to the following:
MUS 378 Applied Music for Majors III 2
Prereq.: MUS 278 (C or higher); open only to Music majors. Individual instrumental or vocal instruction in performance. May be repeated for up to 6 credits. Fee: $400 per semester. (Fee subject to change).

129 Undergraduate Course Revision: MUS 478

Change course to the following:
MUS 478 Applied Music for Majors IV 2
Prereq.: MUS 378 (C or higher); open only to Music majors. Individual instrumental or vocal instruction in performance. May be repeated for up to 4 credits. Fee: $400 per semester. (Fee subject to change).

130 Undergraduate Course Revision: MUS 402: add prerequisite and corequisite

Change course to the following:
MUS 402 Student Teaching Seminar 1
Prereq.: Acceptance into the Professional Program. Coreq.: EDSC 420 or EDSC 421. Seminar in which students discuss experiences in their learning communities, share resources, problem-solve, and develop and refine teaching techniques.

131 Undergraduate Course Revision: MUS 100: add repeat credit only, re-affirm Study Area I credit

Add to end of description: "May be repeated with different content for up to 6 credits."

132 Undergraduate Course Revision: MUS 211: change prerequisite, re-affirm "I" credit

Change prerequisite to:
Prereq.: MUS 121 or MUS 109 for Music majors (C- or higher); or permission of instructor.

133 Undergraduate Course Revision: MUS 235: change prerequisite and cycling, re-affirm "I" credit

Add "(C- or higher)" after "MUS 121" in the prerequisite
Delete "Spring" from the end of the course description

134 Undergraduate Course Revision: MUS 236: change prerequisite and cycling, re-affirm "I" credit

Add "(both with a C- or higher)" after "MUS 235" in the prerequisite
Delete "Fall" from the end of the course description

135 Undergraduate Course Revision: MUS 335: change prerequisite and description, re-affirm "1" credit

Revised Course Entry:
MUS 335 Music History III 3
Prereq.: MUS 221 and MUS 236 (both with a C- or higher); open only to Music majors. Survey of the development of Western music in its historical context from the late Romantic to the present. [I]

Philosophy

136 Undergraduate Course Revision: PHIL 220: change number, title and GenEd category

PHIL 221 Introduction to Modern Logic 3
Introduction to formal systems of deductive reasoning (Aristotelian syllogism, Venn diagrams, sentential, and predicate logic), as well as non-deductive reasoning and the relations between logic and philosophy. Skill Area II

137 Undergraduate Course Addition: PHIL 244

PHIL 244 Introduction to the Philosophy of Social Justice 3
Introduces students to philosophical theories and issues of social justice within the United States. Critically explores the philosophical aspects of systemic oppression and the role of various social institutions and structures in producing inequality and injustice. Possible topics include structural inequality and poverty, racism in the criminal justice system, gender-based violence, and affirmative action. Fall. Study Area I.

138 Undergraduate Course Addition: PHIL 344

PHIL 344 Topics in Philosophy & Social Justice 3
Examines topics in the philosophical literature on social justice. Possible topics include democracy, social activism, welfare, structural inequality and oppression, racism, and poverty. Spring. Study Area I.

139 Undergraduate Program Addition: Minor in Social Justice

Minor in Social Justice (18 credits)
The minor in Social Justice provides students with a solid background in philosophical concepts and theories of social justice, and fosters skills necessary for critical analysis of social justice issues that arise in contemporary society. (This minor is not open to Philosophy majors).

Philosophical Reasoning – 6 credits
- PHIL 221 Introduction to Modern Logic 3
- PHIL 290 Philosophical Methods 3

Social Justice Core – 12 credits
- PHIL 244 Introduction to the Philosophy of Social Justice 3
- PHIL 344 Topics in Philosophy & Social Justice 3

6 credits from the following (other courses may be substituted with the approval of the Department Chair).
- PHIL 144 Moral Issues 3
- PHIL 211 Global Justice 3
- PHIL 222 Philosophy of Gender 3
- PHIL 380 African-American Philosophy 3
- SOC 212 Gender, Race & Class 3
- SOC 240 Sociology of Gender 3

140 Undergraduate Program Revision: Major in Philosophy, BA

Add PHIL 244 and PHIL 344 to list of electives for the Major in Philosophy, BA under "Theoretical and Applied Ethics"

Physical Education & Human Performance

141 Undergraduate Course Revision: EXS 415: delete EXS 331 from prerequisites

142 Undergraduate Course Revision: EXS 450: delete EXS 416 from prerequisites

Political Science

143 Undergraduate Course Revision: PS 331: remove PS 104 from prerequisites

144 Undergraduate Course Revision: PS 332: remove PS 104 from prerequisites

Motion to Amend, raised by Political Science (make descriptions of cross-listed courses match):
PS 332 Civil Liberties 3
Prereq.: PS 110. Constitutional safeguards for individuals and groups. Special attention to civil liberties, equality, and civil rights. Cross listed with AMS 332. No credit given to students with credit for AMS 332. Spring

AMS 332 Civil Liberties 3
Prereq.: PS 110. Constitutional safeguards for individuals and groups. Special attention to civil liberties, equality, and civil rights. Cross listed with PS 332. No credit given to students with credit for PS 332. Spring

Psychology

145 Undergraduate Course Revision: PSY 236: add [D] designation

Social Work

146 Undergraduate Course Addition: SW 225

SW 225 Writing for the Social Work Profession 3
Prereq.: ENG 110. Coreq.: SW 226 or SW 227. Prepares generalist social work students to write for the profession; emphasis is on professional reports, assessments, research, case notes, courtroom, and writing agency-based documents. Restricted to pre-social work majors and must be taken concurrently with SW 226 or SW 227. Skill Area I

147 Undergraduate Program Revision: Major In Social Work, BA: add SW 225 into the Major and adjust credits

Change beginning of Major in Social Work, BA to read as follows:
Major in Social Work, BA
54 credits as follows:
Social Work Core (45 credits)
SW 225 Writing for the Social Work Profession 3
[Continue with the existing program unchanged]

Sociology

148 Undergraduate Course Addition: SOC 413

SOC 413 Community Research 4
Prereq.: SOC 310. Coreq.: SOC 477. Students design and carry out a community research project, including meeting with research subjects off campus. Taken concurrently with SOC 477. May include the collection and analysis of quantitative and/or qualitative data. May not be repeated. In regular.

149 Undergraduate Course Addition: SOC 477

SOC 477 Community Research Topics 4
Prereq.: SOC 310. Coreq.: SOC 413. In-depth review of sociological literature and examination of community interests and viewpoints related to the community research project undertaken in SOC 413 (taken concurrently). Includes meeting with community members and stakeholders off campus. May not be repeated. In regular.

150 Undergraduate Program Revision: Major In Sociology, BA: add SOC 413 into the Major and adjust credits

Make 4 changes to the Major in Sociology, BA:
1. Change total credits for the Major from 40 to 39
2. Change "Core" to "Core: 19-20 credits"
3. Add "SOC 413 Community Research 4" in to the list of courses required for the core [place in between SOC 412 and 495].
4. Change "and 21 credits of sociology electives" to "and 19-21 credits of sociology electives

Theatre

151 Undergraduate Program Revision: Major in Theatre with Specialization in Performance, BFA

Major in Theatre with Specialization in Performance, BFA (52-61 credits):

Core (41 credits)

TH 101 Performance Practicum 6
(repeated 6 times)
TH 116  Play Production    2
TH 111  Stagecraft     3

TH 121  Costuming     3
TH 128  Makeup I       2
TH 135  Speaking-Voice Development  3
TH 145  Acting I       3
TH 148  Studio Performance I  2
TH 235  Movement for Performers  3
TH 246  Acting II      3
TH 253  Script Analysis for the Theater  3
TH 347  Acting III     3
TH 348  Performance Studio II  2
TH 375  History of Theater I  3
TH 376  History of Theater II  3
TH 477  Contemporary U.S. Theatre  3

Emphasis (11-20 credits - choose one of the following four emphases)

Acting Emphasis (20 credits)
TH 146  Introduction to High Impact Theatre  3
TH 338  Advanced Voice Development  3
TH 447  Acting IV   3
TH 456  Shakespearean Production  3
TH 472  Studies in Acting  6
TH 483  Projects: Acting A  1
TH 484  Projects: Acting B  1

Directing Emphasis (15 credits)
TH 111  Stagecraft     3
TH 121  Costuming     3
TH 115  Play Production  2
TH 352  Directing for the Stage  3
TH 375  History of Theatre I  3
TH 376  History of Theatre II  3
TH 447  Acting IV  3
TH 456  Shakespearean Production  3
TH 488  Projects: Directing  3

Interdisciplinary Emphasis (11 credits)
11 credits from acting or directing emphasis, plus 9 guided theatre electives.

Dance Emphasis (15-17 credits)
DAN 151  Beginning Modern Dance  2
DAN 152  Beginning Ballet  1
DAN 157  Beginning Jazz Dance  1
DAN 235  Movement for Performers  2
DAN 236  Principles of Choreography  2
DAN 262  Intermediate Ballet  1
DAN 257  Intermediate Jazz Dance  1
DAN 377  Modern Dance & Theory  1
DAN 480  Project: Dance 1-3
MUS 109  Fundamentals of Music  3

A minor is not required with this major.

Undergraduate Program Revision: Major in Theatre with Specialization in General Theatre/Educational Theatre, BFA (non-certification program, 59 credits)

Major in Theatre with Specialization in General Theatre/Educational Theatre, BFA (non-certification program, 50-62 credits)

Core (29 credits)
TH 101  Performance Practicum (repeated three times)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TH 111</td>
<td>Stagecraft</td>
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<tr>
<td>TH 117</td>
<td>Lighting</td>
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<tr>
<td>TH 121</td>
<td>Costuming</td>
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<td>TH 126</td>
<td>Makeup I</td>
<td>2</td>
</tr>
<tr>
<td>TH 143</td>
<td>Theatre Games and Improvisation</td>
<td>3</td>
</tr>
<tr>
<td>TH 145</td>
<td>Acting I</td>
<td>3</td>
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<tr>
<td>TH 376</td>
<td>History of Theatre II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 377</td>
<td>Play Writing</td>
<td>3</td>
</tr>
<tr>
<td>TH 489</td>
<td>Studies in Theatre/Drama</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Theatre Specialization (21 credits)**

- TH 110  Introduction to Theatre 3
- and 18 credits of theatre electives

**Educational Theatre Specialization (30-33 credits):**

- TH 146  Intro to High Impact Theatre 3
- TH 165  Improvisation for the Classroom 3
- TH 246  Acting II 3
- TH 253  Script Analysis for the Theatre 3
- TH 352  Directing for the Stage 3
- TH 375  History of Theatre I 3
- TH 465  Creative Dramatics for Children 3
- TH 495  Theatre Internship 3-6

and 6 credits of theatre electives, chosen in consultation with advisor.

A minor is not required with this major.