

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

- The attached motion of the University Senate, dealing with Apr. 1 2007 Curriculum Committee Report is presented to you for your consideration. Two additional copies are included for your use.
- This motion was adopted by the University Senate on Apr. 9 2007
- 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.
- Under the By-Laws of the University Senate, Section 3.8, the following schedule of action is to be observed.
 - By _____, Senate action reported to the President of University.
(Date)
(Within five school days of the session in which they are adopted).
 - By _____, President of the University to return the motion to the President of the Senate. (Within 10 school days of its receipt).
(Date)

Apr. 23, 2007 (Date) Act for T. Craine
President, University Senate (Tim Craine)

ENDORSEMENT:

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

- Motion Approved ✓
- Motion Disapproved _____
(Explanatory statement must be appended)
- Action "is deferred" _____
- Resolution Noted _____
- Other _____

4/21/07 Date Jack Miller President

ii) Senator Jones moves to approve the April Curriculum Committee report as it now stands as a whole: Passed.

(Unless otherwise noted, course additions/changes/deletions take effect in Spring 2007; program changes/additions may take effect as early as Fall 2007.)

This document and all curriculum committee documents are available online at <http://www.ccsu.edu/curriculum>

I. International Designator Change

The list of courses approved for "I" designation are listed [here](#) . Courses that have "I" designation currently will retain them through Fall 2007. This list will be printed in the 2007-2009 Undergraduate catalog and take effect with the Spring 2008 courses.

II. Minor Changes

PHIL 112 Introduction to Philosophy

Change description to: "Introduction to the study of philosophy, to some significant philosophies, and to philosophical problems in metaphysics, theory of knowledge, ethics, and aesthetics. Study Area I."

PHIL 346 Ethical Theory

Change description to: "Critical examination of practical and theoretical problems about right and wrong conduct, good and bad character, and justified and unjustified practices, policies and institutions, as well as of ethical theories for addressing the problems."

Change Phil 440 title from "Applied Ethics" to "Project in Practical Ethics"

III. The following courses are to be deleted

Designator	Number
ANTH	265
ANTH	316
CE	99
CENC	130
CHIN	476
CRM	415
EDF	400
EDL	680
EMEC	313
FA	296

Designator	Number
FIN	544
HIST	532
HIST	566
IB	511
MUS	365
PHIL	440
PHIL	441
PS	492
SCI	570
SOC	332
SOC	450
TC	591
TC	599

IV. Unfinished Business

Engineering						
1	a	Course Addition	ME	552	<u>Mechanical Vibrations</u>	3 Credits, Irregular Prereqs: Permission of Instructor. Modeling and analysis of vibrating systems, characteristics of single degree and multiple degrees of freedom systems. Modal analysis and synthesis, vibration control by isolation, absorption, or balancing. Applications of computer simulation and analysis techniques in vibrations. Vibration system modeling and analysis project required. No credit given to students with previous credit for ME 452. Note: Link course with ME 452.
		Course Revision	ETM	423	<u>Applied Feedback Control System</u>	Change Prereq to: MATH 136 or MATH 221 and CET 236 Note: Not for graduate credit.
		Course Addition	ETM	510	<u>Engineering Optimization</u>	3 Credits, Irregular

						<p>Prereqs: Admission to MSET program or permission of the instructor</p> <p>Description: Application of optimization techniques to engineering design or process problems. Principles of design/process variables, constraints, and objective functions. Techniques for solving constrained and unconstrained optimization problems, computer implementation of optimization schemes.</p>
Chemistry						
2	a	Course Revision	CHEM	402	<u>Instrumental Methods in Analytical Chemistry</u>	Keep graduate credit
	b	Course Revision	CHEM	454	<u>Biochemistry</u>	Remove graduate credit
	c	Course Revision	CHEM	455	<u>Biochemistry Laboratory</u>	No graduate credit
	d	Course Revision	CHEM	456	<u>Toxicology</u>	Add graduate credit
	e	Course Revision	CHEM	458	<u>Advanced Biochemistry</u>	Add graduate credit
	f	Course Revision	CHEM	459	<u>Bioinorganic Chemistry</u>	Add graduate credit
	g	Course Revision	CHEM	460	<u>Inorganic Symmetry & Spectroscopy</u>	Keep graduate credit
	h	Course Revision	CHEM	485	<u>Topics in Chemistry</u>	Add graduate credit
English						
3		Course Addition	ENG	347	<u>Latino/a Literature</u>	<p>3 Credits, Spring</p> <p>Prereqs: ENG 110</p> <p>Description: Important U.S. Latina/o literary works in prose, poetry, drama, and essay.</p>

						[I][L] credit
History						
4		Program Addition			<u>Minor in Social Sciences</u>	<p>Minor in Social and Behavioral Sciences, 21 Credits.</p> <p>12 credits from the following: PS 104 or 110; Econ 200 or 201; Geography 110 or 120; Anth 140; Soc 110; History 121 or 122 or 161 or 162; Psych 112 or 236.</p> <p>9 Credits of Social and/or Behavioral Sciences at the 300- or 400-level</p>

V. New Business

Accounting						
1	a	Course Revision	AC	445	<u>Auditing</u>	Passed by [BUS], Tabled by [GS]
	b	Course Revision	AC	455	<u>Internal Auditing</u>	Passed by [BUS], Tabled by [GS]
Anthropology						
2	a	Course Revision	ANTH	330	<u>North American Prehistory</u>	Change Number to ANTH 230
	c	Course Revision	ANTH	339	<u>Work and Culture</u>	Change Number to: ANTH 239 Add Study Area III Credit.
	d	Course Revision	ANTH	345	<u>Laboratory in Biological Anthropology</u>	Change Number to: ANTH 245
	e	Course Revision	ANTH	370	<u>Applying Anthropology</u>	Change Number to: ANTH 270
	f	Program Revision			<u>Major in Anthropology, B.A.</u>	Change description to: 39 credits in Anthropology, including ANTH 150, 160, 170, 335, 340, 374, 375, 490; one area studies course from ANTH 401, 416, 418, 420, 422, 424, 426, 428; one course from ANTH 433, 437, 451; and nine credits from elective courses in anthropology, with all of the electives at the 300 level or higher.

Biology						
3	a	Course Revision	BIO	132	<u>Introductory Ecology</u>	<p>Change description to: Introductory course that introduces students to ecological processes structuring the biosphere and our impacts on it. Emphasis will be placed on current local and global environmental issues and ways of making human lifestyles sustainable. Three lectures per week. Cannot be used to meet requirements for major or minor in Biology</p> <p>Study Area IV credit affirmed (no laboratory)</p> <p>Add [I] credit</p>
	b	Course Revision	BIO	331	<u>Neurobiology</u>	<p>Change credits to 4.</p> <p>Change description to: Basic principles of neuroscience. Resting potentials, action potentials, synaptic transmission, sensory systems, learning, neural circuits underlying behavior, neurological diseases and mental illness. Three hours of lecture and one three-hour laboratory per week.</p>
	c	Program Revision			<u>Major in Biology, B.S. (Certifiable for teaching grades 7-12)</u>	<p>Change description to:</p> <p>37 credits in Biology as follows: BIO 121, 122, 200, 290, 390; one of BIO 321, 322, 420, 481; one of BIO 326, 327, 425, 444; one of BIO 302, 315, BMS 306, 316; one of BIO 318, 319, 331, 410, 412/413, 449/450. At least one course in BIO or BMS must be at the 400-level. Please note that upper-level BMS courses require BMS 201, which can count as an elective in the Biology major. In addition MATH 124, or MATH 125 and 115; CHEM 121, 122, 250; PHYS 121, 122; and Professional Education courses EDTE 316, EDF 415, SPED 315, EDSC 425, 435, SCI 416, 417, 419, and RDG 440</p>

					<p>are required.</p> <p>This specialization is designed for students who wish to teach biology at the secondary level. The program includes consideration of all major concepts and areas of biology. Within some of the areas, students may select different courses to build on knowledge gained in their first and second years of study. Students are continuously encouraged to see connections in biological events from the standpoint of all sciences. The specialization also includes a professional education component. Because of the breadth of required courses, it is also possible for students in secondary education to enter a variety of other careers in research, health and industry, as well as graduate study.</p> <p>A student who majors in biology is not required to complete a minor but is urged to minor in one of the other laboratory sciences or General Science.</p>
	d	Program Revision		<p><u>Major in Biology, B.S. (Non-Teaching)</u></p>	<p>Change description to:</p> <p>(a) General Biology (32 total credits in Biology required)</p> <p>Core, plus 16-18 credits of any other 200-level or higher BIO or BMS courses. Please note that upper-level BMS courses require BMS 201, which can count as an elective in the General Biology major. Other electives may be approved at the discretion of the department chair. In addition 28-30 credits of related requirements including: MATH 124, or MATH 125 and 115; CHEM 121, 122, 210, 211, 212, 213; and PHYS 121, 122 are also required.</p>

					<p>This program includes consideration of all the major concepts and areas of biology. Students are encouraged to see connections in biological processes from the standpoint of all sciences. Students may select different courses to build on the knowledge gained in their first and second years of study and design a biology curriculum that suits their interests. With this degree, students may enter a variety of careers in research, health-related fields, industry or graduate study.</p> <p>(b) Specialization in Ecology, Biodiversity and Evolutionary Biology (32 total credits in Biology required)</p> <p>Core, plus 13-15 credits as follows: One of BIO 302, 405, 434, 440, 480; one of BIO 315, 321, 322, 326, 327, 420, 425, 444; any advanced courses in the E/B/E Group (see list below). In addition 28-30 credits of related requirements including: MATH 124, or MATH 125 and 115; CHEM 121, 122, 210, 211, 212, 213; and PHYS 121, 122 are also required.</p> <p>This specialization emphasizes ecological and evolutionary processes integrated with study of organismal diversity. Students will develop an understanding of the processes that influence relationships among organisms and interactions with their environments through selected courses and individual research projects. This program will prepare students for careers with government agencies (e.g., conservation, fisheries and wildlife management, forestry), nongovernmental organizations,</p>
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					<p>environmental education groups and the environmental industry. In addition, students will be prepared for graduate studies in fields such as ecology, evolution, animal behavior, natural resources management or marine and aquatic biology.</p> <p>E/B/E Group</p> <p>Course Credits</p> <p>BIO 302 Evolutionary & Ecological Genetics 3 BIO 315 Microbial Ecology 4 BIO 321 Marine Invertebrate Zoology 4 BIO 322 Vertebrate Zoology 4 BIO 326 Mushrooms, Mosses & More 4 BIO 327 Vascular Plants 4 BIO 405 Ecology 4 BIO 410 Ecological Physiology 4 BIO 420 Ornithology 4 BIO 425 Aquatic Plant Biology 4 BIO 434 Ecology of Inland Waters 4 BIO 436 Environmental Resources and Management 3 BIO 438 Aquatic Pollution 4 BIO 440 Evolution 3 BIO 444 Plant Taxonomy 3 BIO 470 Field Studies in Biology 1-4 BIO 480 Animal Behavior 3 BIO 481 Skeletal Biology 4 BIO 488 Animal Behavior Laboratory 2 BIO 489 Vertebrate Dissection 2 BIO 490 Topics in Biology** 3-4 BIO 491 Advanced Studies in Biology** 1-3 BIO 499 Undergraduate Thesis in Biology** 1</p> <p>**with a topic focus approved by the E/B/E faculty advisor.</p>
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						<p>(c) Specialization in Environmental Science (28-32 total credits in Biology required)</p> <p>Core, plus 14-16 credits as follows: Either BIO 436 or 438; one of BIO 315, 321, 322, 326, 327, 420, 425, 444, one of BIO 331, 410, 412/413, 449/450; either BIO 405 or 434. In addition 38-41 credits of related requirements including: MATH 124, or MATH 125 and 115; CHEM 121, 122, 210, 211, 212, 213, 301, 406; either ESCI 121/123 or 450; and PHYS 121, 122 are also required.</p> <p>This specialization offers students a strong biology core curriculum and added multidisciplinary strengths in environmental science. The program provides students with a foundation in organismal biology, ecology, environmental chemistry, earth science and environmental management in order to give an understanding of environmental issues from a multidisciplinary perspective. The program has particular strengths in plant and animal organismal biology and aquatic (freshwater and estuarine) ecology. The specialization prepares students for careers in environmental science and natural resource management with government agencies, nongovernmental organization and the environmental industry, or for graduate studies in these areas.</p>
Biomolecular Sciences						
4	a	Course Revision	BMS	201	<u>Principles of Cell and Molecular Biology</u>	Change prerequisites to: BMS 102 and BMS 103, or BIO 121; or permission of department chair.
	b	Program Deletion			OCP Biotechnology	Delete Program
Chemistry						

5		Program Revision			<u>Major in Chemistry, B.S. (American Chemical Society accredited)</u>	Change description to: This program is designed for students wishing to go on to graduate-level studies in chemistry, or those who expect to enter professional chemistry at the bachelor's level. 47 credits in Chemistry, as follows: CHEM 161, 162, 163, 164, 210, 211, 212, 213, 301, 316, 321, 322, 323, 354, 402, 432, 455, 460, 461, and 462. In addition 16 credits of related requirements including: PHYS 125 and 126, and MATH 152 and 221 are also required. The student must also complete one additional course from the following approved list: MATH 218, MATH 222, MATH 226, MATH 228 or CS 151. A minor is not required.
Manufacturing and Construction Management						
7		Course Revision	IT	480	<u>Robotics</u>	Remove prerequisites Change description to: Overview of the industrial robot. Introduces the student to the science of flexible automata. Emphasizes features, capabilities, programming, selection, and applications of industrial robots. Confirm Graduate credit.
Criminology & Criminal Justice						
9	a	Course Addition	CRM	101	<u>Foundations in Criminology</u>	1 Credit Description to read: Introduction to the Criminology major. The course will address the requirements of the major, educational and career planning, and how to be successful in school and the profession. Specific topics include note taking, library research, interpreting, summarizing

						and referencing scholarly material, and appropriate classroom and professional behavior
	b	Course Revision	CRM	133	<u>Law Enforcement & Society</u>	Change number to CRM 230 Prerequisites: CRM 110 (C- or higher)
	c	Course Revision	CRM	239	<u>Juvenile Delinquency</u>	Change Number to CRM 339 Change prerequisites to: CRM110, CRM230, CRM231, CRM238 (all with grades of C- or higher)
	d	Course Addition	CRM	240	<u>Gender, Crime and Criminal Justice</u>	3 Credits, Irregular Description to read: Examines how gender is related to crime and criminal justice, with a particular focus on the experience for females. Topics to be covered include patterns of victimization and offending by gender, and women in the criminal justice system as offenders and workers. Theories to explain differences in victimization and offending by gender will be explored.
	e	Course Revision	CRM	300	<u>Criminology</u>	Change prerequisites to: CRM 110, CRM230, CRM231, CRM238 (all with grades of C- or higher) Change description to: Historical and contemporary overview of the nature of crime and causes of criminal behavior. Examination of the relationship between criminological theory and criminal justice policy and practice.
	f	Course Revision	CRM	301	<u>Principles and Ethics in Criminal Justice</u>	Change number to CRM 361 Change Prerequisites to: CRM110, CRM230, CRM231, CRM238 (all with grades of C- or higher) Change Description to: Examination of selected principles of law

						enforcement, courts, and corrections. Overview of ethical dilemmas relevant to criminal justice.
	g	Course Revision	CRM	322	<u>Research Methods in Criminal Justice</u>	Change prerequisites to: CRM 101, CRM110, CRM230, CRM231, CRM238 (all with grades of C- or higher) Change description to: Overview of the methods of inquiry used in criminal justice research, principles of research design, knowledge of research strategies, conducting literature reviews, writing and presenting research ideas, and reading empirical reports.
	h	Course Revision	CRM	325	<u>Victimology</u>	Change number to: CRM 360 Change prerequisites to: CRM 101, CRM110, CRM230, CRM231, CRM238 (all with grades of C- or higher)
	i	Course Revision	CRM	330	<u>Domestic Violence</u>	Change prerequisites to: CRM110, CRM230, CRM231, CRM238 (all with grades of C- or higher)
	j	Course Addition	CRM	332	<u>Criminal Law</u>	3 Credits, Irregular Prerequisites: CRM 101, CRM 110, CRM 230, CRM 231, CRM 238 (all with grades of C- or higher) Description: This is a survey course on criminal law in the United States. Topics to be discussed are the sources of criminal law, limitations of criminal laws, the elements of criminal law, criminal law and the Constitution, criminal defenses, and criminal offenses.
	k	Course Revision	CRM	340	<u>Crime and Capitalism</u>	Change number to CRM 362 Change Prerequisites to: CRM 101, CRM110, CRM230, CRM231, CRM238 (all with grades of C- or

						higher) Change description to: Critical examination of capitalism in crimes against humanity; white collar, corporate, transnational, and government crime; and the creation of a criminal underclass
	l	Course Addition	CRM	363	<u>Constitutional Law and the Criminal Justice System</u>	3 Credits, Irregular Prerequisites: CRM 101, CRM 110, CRM 230, CRM 231, CRM 238 (all with a grade of C- or higher) Description: Examines the various areas the Constitution affects the Criminal Justice system. Topics include the concept of federalism, the incorporation clause, interstate commerce and the federal criminal code, limitations on civil liberties, and prisoners rights
	m	Course Revision	CRM	366	<u>Extreme Offending</u>	Change prerequisites to: CRM 101, CRM 110, CRM 230, CRM 231, CRM 238 (all with grades of C- or higher)
	n	Course Revision	CRM	395	<u>Physical Evidence in Criminal Investigation</u>	Change number to CRM 335 Change prerequisites to: CRM110, CRM230, CRM231, CRM238 (all with grades of C- or higher)
	o	Course Revision	CRM	401	<u>Hate Crimes</u>	Change prerequisites to: CRM300, CRM322, one elective from CRM360-CRM370 (all with grades of C- or better)
	p	Course Deletion	CRM	402	<u>Organized Crime</u>	3 Credits, Irregular Prerequisites: CRM 322 (formerly CRM 222) with grade of C- or higher. Description: Provides an overview of American organized crime by

						examining the history and evolution of organized crime over the last century.
r	Course Revision	CRM	411	<u>Community Corrections</u>		Change prerequisites to: CRM300, CRM322, one elective from CRM360-CRM370 (all with grades of C- or better)
s	Course Addition	CRM	412	<u>Crime Prevention</u>		3 Credits, Irregular Prereqs: CRM 300, CRM 322, one elective from CRM 360-370 (all with grades of C- or higher) Description: Explores the theoretical basis and application of crime prevention techniques with a particular focus on environmental criminology and situational crime prevention. Ideological foundations of various crime prevention efforts are examined through cases studies and limited field work. Strong emphasis is placed on comparing and contrasting the situational/environmental crime prevention approach with traditional perspectives of crime. Strengths, weaknesses, practicality and policy difficulties of the situational/environmental approach are also examined.
t	Course Deletion	CRM	415	<u>Training & Development:</u>		Delete this course
u	Course Revision	CRM	420	<u>Current Issues in Criminal Justice Policy</u>		Change prerequisites to: CRM 300, CRM 322, one elective from CRM 360-370 (all with grade of C- or higher).
v	Course Revision	CRM	433	<u>Independent Study in Criminal Justice</u>		Change prerequisites to: CRM 322 and one elective from CRM 360-370 (both with a grade of C- or higher).
w	Course Revision	CRM	435	<u>Supervised Field Studies in Criminal Justice</u> <u>I</u>		Change prerequisites to: CRM 322 and one elective from CRM 360-370 (both grade of C- or higher) and senior status and permission of internship coordinator.

x	Course Revision	CRM	450	<u>Drugs and Society</u>	Change prerequisites to: CRM 300, CRM 322, one elective from CRM 360-370(all with grade of C- or higher); for graduate students, admission to the M.S. Criminal Justice Program and in good standing; or permission of the department chair.
y	Course Addition	CRM	460	<u>Sexual Predators</u>	3 Credits, Irregular Prerequisites: CRM 300, CRM 322, one elective from 360-370 (all with grades of C- or higher) Description: Traces sexually aggressive behavior from its etiology to its manifestation in offending to its impact on the victim to criminal justice system responses to the offender. Topics include profiles of various sex crimes, community supervision of sex offenders, and registration and community notification laws.
z	Course Revision	CRM	475	<u>Controlling Anger and Aggression</u>	Change prerequisites to: CRM 300, CRM 322, one elective from 360-370 (all with grade of C- or higher); for graduate students admission to the M.S. Criminal Justice Program and in good standing; or permission of department chair.
ab	Course Revision	CRM	478	<u>Current Topics in Criminal Justice</u>	Change prerequisites to: CRM 300, CRM 322, one elective from CRM 360-370 (all with grades of C- or higher)
ac	Program Revision			<u>Minor in Criminal Justice</u>	Change description to: 18 credits as follows: CRM 110, 230, 231, 238, 300, and one elective).
ad	Program Revision			<u>Major in Criminology, B.A.</u>	Change description to: 40 Credits as follows: CRM101, CRM110, CRM230, CRM231, CRM238, 3 credits of a 200 level elective, CRM300, CRM322, 3

						credits from CRM360 to CRM370, CRM435, 12 credits of 300 or 400 level electives (6 credits of which must at the 400 level). Also, students must take PHIL144 in Skill Area I and STAT104 or STAT200 or STAT215 in Skill Area I
English						
10	a	Course Addition	ENG	344	<u>Contemporary American Literature</u>	3 Credits, Irregular Prereqs: English 110 Description: Study of major American writers from WWII to the present, focusing on historical, cultural, and aesthetic movements of the time. Study Area I [L] Credit approved
	b	Course Addition	ENG	465	<u>Global Cinema</u>	3 Credits, Irregular Prereqs: English 110 Description: Surveys international cinema after World War II with an emphasis on the fiction feature films of Africa, Asia, and Latin America; also considers major film movements such as the European New Wave and Italian Neo-realism. [I] credit approved
	c	Course Addition	ENG	481	<u>Digital Literary Studies</u>	3 Credits, Irregular Prereqs: ENG 110, ENG 298 Description: Survey of theoretical and applied approaches to digital work in literary and cultural studies.
Geography						
11		Course Addition	GEOG	333	<u>Political Geography</u>	3 Credits, Irregular Description to read: Geographical bases of political organization,

						<p>conflict and international relations. Emphasis will be on power and conflict in the regional framework.</p> <p>Study Area II</p> <p>[I]</p>
History						
12		Course Addition	HIST	271	<u>Introduction to African History and Culture</u>	<p>3 Credits, Irregular</p> <p>Description to read: Focuses on some of the enduring aspects of African material culture and technologies. Also examines social and political issues related to African civilization over time</p> <p>Study Area II</p> <p>[I] credit approved</p>
		Course Addition	HIST	412	<u>Atlantic World, 1500-1880</u>	<p>3 Credits, Fall</p> <p>Prereqs: History 301 or permission of instructor.</p> <p>Description: Explores the history of the Atlantic World from 1500-1880. Topics can focus on North America, Latin America, Europe and Africa as they interacted in such activities as trade, slavery, the exchange of ideas, revolution, and colonialism.</p>
Management Information Systems						
13	a	Course Addition	BUS	101	<u>Introduction to Business</u>	<p>3 Credits</p> <p>Description to read: Introduction to the functional areas of business designed for first-year students. This course is intended by be taken simultaneously with an FYE 101 section offered by the School of</p>

						Business. Students who have taken any course in the lower division business core may not take this course.
	b	Program Revision			<u>Minors in Business for Non-Business Majors</u>	Tabled
Mathematical Sciences						
14	a	Course Revision	MATH	105	<u>Fundamentals of Mathematics</u>	Change title to: Survey of Mathematics for Liberal Arts Confirm Skill Area II
	b	Course Addition	MATH	106	<u>Mathematical Topics for Liberal Arts</u>	3 Credits, Irregular Prerequisites: MATH 101 (C- or higher) or placement exam Description: Topics in mathematics suitable for students majoring in other disciplines and not covered in other courses. Topics may include: the mathematics of music, mathematics and the arts, game theory, cryptography, and mathematical modeling. May be repeated with different topics for a maximum of six credits. Skill Area II
	c	Course Addition	MATH	211	<u>Clinical Experience in Mathematics Education I</u>	1 Credit Prereqs: MATH 152 (C- or higher) Description: Provides prospective teachers of mathematics with an opportunity to gain practical experience in a tutorial setting. Students are trained as tutors for level 1 CRLA (College Reading and Learning Association) certification and are assigned to work a minimum of 3 hours per week in the Learning Center primarily helping students taking

					MATH 099 and MATH 101.
	d	Course Addition	MATH	311	<u>Clinical Experience in Mathematics Education II</u> 1 Credit Prereqs: MATH 211 (C- or higher) Description: Tutors are trained at level 2 (CRLA certification) and assigned to tutor in a middle school or high school setting.
	e	Course Revision	MATH	313	<u>Number Systems from an Advanced Viewpoint</u> Change cycling to Spring Change credits to 3.
	f	Course Revision	MATH	411	<u>Clinical Experience in Mathematics Education</u> Change title to: Clinical Experience in Mathematics Education III Change Prerequisites: MATH 211 (c- or higher) and MATH 221 (c- or higher) Change Description to: Tutors are assigned to work in the Learning Center and may tutor students in courses up through MATH 152. Students who have not had Level 2 CRLA certification training receive the same training as students taking MATH 311
	g	Course Addition	MATH	450	<u>Seminar in Proof</u> 4 Credits, Spring Prereqs: Math 366 and 377 (C- or higher), one of which may be taken concurrently. Description: Students will study a number of important theorems in mathematics, examining the proofs of these theorems in depth. Each student will make a presentation to the class before the end of the semester. Topics will vary based on student and instructor interest. This is a capstone course for the BA major. Class limited to 15 students.

	h	Program Revision		<u>Major in Mathematics, B.A.</u>	Change description to: 38 credits in Mathematics and related courses, including MATH 152, 218, 221, 222, 228, 366 377, and 450. The remaining 6 credits may be selected from MATH 250, 300, 323, 355, 398, 421, 440, 455, 468, 469, 470, 477, 491; STAT 315, 416, 425, 455, 456, 465, 476; ACTL 335, 465, 480, 481, 482. In addition, two laboratory science courses are required. Note: CS 151 is strongly recommended.
	i	Program Revision		<u>Minor in Mathematics (Non-Teaching)</u>	Change description to: 20 credits in Mathematics, as follows: MATH 152, 221, 222 and two courses selected from MATH 218, 226, 228, 250, 355, 366, 377.
	j	Program Revision		<u>Minor in Mathematics (For B.S. Physics Majors)</u>	Delete this minor.
	k	Program Revision		<u>Major in Mathematics, B.S. (Certifiable for secondary teaching)</u>	Change description to: 48 credits in Mathematics as follows: MATH 120, 152, 211, 218, 220, 221, 228, 313, 320, 323, 327, 328, 366, 377; STAT 314; 5 additional credits from MATH 222, 250, 311, 344, 355, 411, 421, 440, 468, 469, 470, 477, 491, STAT 315, 416, 453, 455, 456, 465. In addition, the student is required to take CHEM 161, 162, 163, and 164 or PHYS 125 and 126 and CS 151 or 213. No minor is required for students with this major. Upon acceptance into the Professional Program in Teacher Education students are required to complete a 30-credit program consisting of SPED 315, EDTE 316, RDG 440, EDF 415, EDSC 425 and MATH 413 (taken concurrently), and EDSC 435 and MATH 426 (taken concurrently)

	l	Course Revision	STAT	456	<u>Statistics Laboratory</u>	Change title to: Fundamentals of SAS Change description to: Introduction to statistical software. Topics may include creation and manipulation of SAS data sets; and SAS implementation of the following statistical analyses: basic descriptive statistics, hypotheses tests, multiple regression, generalized linear models, discriminant analysis, clustering analysis, factor analysis, logistic analysis and model evaluation. This course is cross-listed with MKT 444.
	n	Course Revision	STAT	567	<u>Linear Models</u>	Change title to: Linear Models and Time Series Change prerequisite to: STAT 416 Change description to: Introduction to the methods of least squares. Topics include general linear models, least squares estimators, inference, hypothesis testing, and forecasting with ARIMA models.
Modern Languages						
15	a	Course Revision	FR	125	<u>Intermediate French I</u>	Change prerequisite to: Three years of French High School or One year of college French or equivalent.
	b	Course Revision	FR	225	<u>Essential Skills in French I</u>	Change prerequisite to: FR 125 or 126 or French placement exam.
	c	Course Revision	FR	226	<u>Essential Skills in French II</u>	Change prerequisite to: FR 126 or 225 or French placement exam.
	d	Course Revision	FR	301	<u>Approaches to Reading French Texts</u>	Change prerequisite to: FR 225 or 226 (may be taken concurrently) or permission of instructor.
	e	Course Revision	FR	302	<u>Masterpieces of French Literature</u>	Tabled Change prerequisite to: FR 225 or 226 or 301 or permission of instructor.
	f	Course Revision	FR	315	<u>Aspects of French History & Culture</u>	Change prerequisite to: FR 225 or 226 or permission of instructor.

g	Course Revision	FR	316	<u>Contemporary France</u>	Change prerequisite to:FR 225 or 226 or 315(any may be taken concurrently).
h	Course Revision	FR	335	<u>French for Oral Expression</u>	Change prerequisite to: FR 225 or FR 226.
j	Course Revision	GER	125	<u>Intermediate German I</u>	Change description to: Grammar including subjunctive and passive, composition and conversation. No credit will be given to students with previous credit for more advanced course work in German except by permission of the department chair.
l	Course Revision	GER	126	<u>Intermediate German II</u>	Change description to: Intensive practice in oral and written German expression, as well as grammar review and reading. No credit will be given for more advanced course work in German except by permission of department chair.
m	Course Revision	GER	225	<u>German Composition & Diction</u>	Change description to: Training in self-expression by means of frequent composition and conversation.
n	Course Revision	GER	226	<u>German Structure and Idiom</u>	Change description to: Training in self-expression by means of frequent composition and conversation.
p	Course Revision	GER	305	<u>Literary Masterpieces since 1800</u>	Change prerequisite to: GER 225 or 226 (either may be taken concurrently).
q	Course Revision	GER	315	<u>German Civilization to 1800</u>	Change prerequisite to: GER 225 or 226 (either may be taken concurrently).
r	Course Revision	GER	316	<u>German Civilization from 1800 to Present</u>	Change prerequisite to: GER 225 or 226 (either may be taken concurrently).
s	Course Revision	GER	335	<u>Advanced Composition and Diction</u>	Change prerequisite to: GER 225
t	Course Revision	GER	336	<u>Advanced Structure & Idiom</u>	Change prerequisite to: GER 226
u	Course Revision	GER	385	<u>The Sound and Structure of</u>	Change number to: GER 451

					<u>German</u>	
	v	Course Revision	ITAL	225	<u>Italian Composition and Diction</u>	<p>Change title to: Intermediate Italian III</p> <p>Change prerequisite to: ITAL 125 or 126 or permission of instructor.</p> <p>Change description to: Designed to help students improve speaking skills and develop correct idiomatic usage and fluency of expression through discussion of contemporary texts. Further study of grammar.</p>
	x	Course Revision	ITAL	226	<u>Italian Structure and Idiom</u>	<p>Change title to: Intermediate Italian IV</p> <p>Change prerequisite to: ITAL 125 or 126 or permission of instructor.</p> <p>Change description to: Designed to help students improve writing skills by means of frequent composition in Italian. Further study of grammar.</p>
	z	Course Revision	ITAL	304	<u>Literary Masterpieces to 1700</u>	Change prerequisite to: ITAL 225 or 226 (either may be taken concurrently) or permission of instructor.
	aa	Course Revision	ITAL	305	<u>Literary Masterpieces Since 1700</u> Change prerequisite to: ITAL 225 or 226 (either may be taken concurrently) or permission of instructor.	Change prerequisite to: ITAL 225 or 226 (either may be taken concurrently) or permission of instructor.
	ab	Course Revision	ITAL	315	<u>Italian Civilization to 1861</u>	Change prerequisite to: ITAL 225 or 226 (either may be taken concurrently) or permission of instructor.
	ac	Course	ITAL	316	<u>Italian</u>	Change prerequisite to: ITAL 225 or

		Revision			<u>Civilization from 1861 to the Present</u>	226 (either may be taken concurrently) or permission of instructor.
	ad	Course Revision	ITAL	335	<u>Advanced Composition and Diction</u>	Change prerequisite to: ITAL 225 Change description to: Additional practice for student development of oral proficiency in Italian through discussion of readings, films and other authentic materials.
	af	Course Revision	ITAL	336	<u>Advanced Structure and Idiom</u>	Change prerequisite to: Change prerequisite to: ITAL 226 Change description to: Additional practice for student development of oral proficiency in Italian through discussion of readings, films and other authentic materials.
	ag	Course Revision	SPAN	225	<u>Intermediate Spanish III</u>	Change prerequisite to: SPAN 125 or 126 or permission of instructor.
	ah	Course Revision	SPAN	226	<u>Intermediate Spanish IV</u>	Change prerequisite to: SPAN 125 or 126 or permission of instructor.
	ai	Course Revision	SPAN	300	<u>Literary Analysis</u>	Change prerequisite to: SPAN 225 or 226 or 290 or 291 (any may be taken concurrently), or permission of instructor.
	aj	Course Revision	SPAN	304	<u>Literary Masterpieces to 1700: Spain</u>	Change prerequisite to: SPAN 225 or 226 or 290 or 291 or 300 (may be taken concurrently); or permission of instructor.
	al	Course Revision	SPAN	305	<u>Literary Masterpieces since 1700: Spain</u>	Change prerequisite to: SPAN 225 or 226 or 290 or 291 or 300 (may be taken concurrently); or permission of instructor.
	am	Course Revision	SPAN	315	<u>Spanish Civilization</u>	Change prerequisite to: SPAN 225 or 226 or 290 or 291 (any may be taken concurrently), or permission of instructor.
	an	Course Revision	SPAN	316	<u>Latin American Civilization</u>	Change prerequisite to: SPAN 225 or 226 or 290 or 291 (any may be taken concurrently), or permission of instructor.

	ao	Course Revision	SPAN	335	<u>Advanced Spanish for Oral Expression</u>	Change prerequisite to: SPAN 225 or 291
	aq	Course Addition	SPAN	451	<u>Introduction to Spanish Linguistics</u>	3 Credits, On demand Prereqs: Permission of Instructor Description: Taught in Spanish. Studying grammatical construct and covering many areas of linguistics: phonology, morphology, syntax, semantics and pragmatics. A course designed for students interested in teaching Spanish in the future and to those who enjoy examining the varieties of Spanish spoken by populations around the world
Peace Studies						
16		Course Revision	PES	111	<u>War & Peace through Films</u>	Change to 3 credits Remove prerequisites
Physical Education and Human Performance						
17	a	Course Revision	EXS	112	<u>Introduction to Athletic Training</u>	Change description to: Formerly PE 112. Acquaints student with academic and clinical requirements by CAATE accreditation, BOC certification as an entry-level athletic trainer and state licensure. Introduces risk management, injury prevention, medical conditions and disabilities, principles of athletic related injuries.
	b	Course Revision	EXS	210	<u>Personal and Community Health</u>	Change prerequisite to: BIO 111 or BMS 111 or BIO 121 (any with C- or higher).
	c	Course Revision	EXS	217	<u>Care and Treatment of Athletic Injuries</u>	Change description to: Formerly PE 217. Covers risk management, injury prevention, medical conditions and disabilities, acute care of injuries and illnesses. Students perform prevention/protective strapping,

						fitting protective equipment and devising special padding. Includes 50 hours observation for athletic training majors. Open to exercise science and athletic training students only
	d	Course Revision	EXS	218	<u>Scientific Basis for Athletic Training</u>	Change description to: Formerly PE 218. Focus on concepts, theories, and techniques necessary for orthopedic clinical examination, diagnosis of athletic injuries, orthopedic screening and posture assessment. Basic understanding of mechanism and pathology of injury will be emphasized
	e	Course Revision	EXS	307	<u>Human Nutrition</u>	Change prerequisite to: CHEM 111, or CHEM 150, or CHEM [161 and 162] (any with C- or higher).
	f	Course Revision	EXS	315	<u>Practicum in Athletic Training I</u>	Change description to: Formerly PE 315. First aid, evaluation, taping, wrapping, design and application of protective equipment, preparing teams for competition. Minimum five 3-week CCSU sport or training facility rotations required. Includes weekends, unusual hours, holidays, and off-campus observations
	g	Course Revision	EXS	316	<u>Practicum in Athletic Training II</u>	Change description to: Formerly PE 316. Includes evaluating athletic injuries, establishing treatments, rehabilitation plans, maintaining medical records. Minimum five 3-week CCSU sport or training facility rotations required. Includes weekends, unusual hours, holidays, and off-campus observation
	h	Course Revision	EXS	317	<u>Therapeutics in Athletic Training</u>	Change description to: Formerly PE 317. Introduction to theories and techniques of manual muscle testing, muscle length testing, goniometry, and isokinetic testing. Emphasizing planning, implementating, documenting progress of therapeutic exercise programs for the rehabilitation and reconditioning of

						injuries and illnesses
	i	Course Revision	EXS	319	<u>Practicum in Athletic Training III</u>	Change description to: Formerly PE 319. Preseason screening, physicals, medical conditions, neurological evaluations, advanced rehabilitation skills. Minimum five 3-week CCSU sport or training facility rotations required. Includes weekends, unusual hours, holidays, and off-campus observation
	j	Course Revision	EXS	375	<u>Training for Fitness</u>	Change title to: Training for Sport Performance
	k	Course Addition	EXS	376	<u>Theories of Strength Training and Conditioning</u>	2 Credits, Spring Prereqs: Prereq.: EXS 214 (Formerly PE 214), EXS 216 (Formerly PE 216), EXS 375 (Formerly PE 375) Description: Theoretical and practical knowledge for the development of conditioning programs. Includes training variation, program design, and organization and administration of facilities. EXS 375 and EXS 376 prepares students for the NSCA CSCS certification exam. Open to Exercise Science majors only or permission of instructor.
	l	Course Revision	EXS	413	<u>Organization and Administration of Athletic Training</u>	Change description to: Formerly PE 413. Theories and skills to develop, administer and manage facilities/venues that provide health care to athletic populations. Emphasizes organizing pre-participation physicals, drug testing, medical documentation, human resources, facility design, budgeting, legal, and public relations issues.
	m	Course Revision	EXS	421	<u>Pharmacology in Sports Medicine</u>	Change description to: Formerly PE 421. Basic principles of pharmacology, pharmacokinetics, and

						commonly prescribed therapeutic medications in the physically active population and legal issues. Common prescription and non-prescription medications, routes of administration, indication and contraindications, precautions, and adverse reactions
	n	Course Revision	EXS	440	<u>Therapeutic Modalities in Athletic Training</u>	Change description to: Formerly PE 440. Physiological effects of therapeutic modalities on orthopedic injuries. Topics include pain, pain control, inflammation, the healing process, modality principles, indications, contraindications. Emphasis on safe operation and application, manual therapy, foot biomechanics. Includes one hour laborator
	o	Course Revision	EXS	445	<u>Internship in Athletic Training</u>	Change description to: Formerly PE 445. Minimum 320 hours of off-site clinical experience directly supervised by an Approved Clinical Instructor. May occur in a sports medicine or corporate wellness clinic, secondary school, or university setting. Includes weekends, unusual hours, holiday
	p	Course Revision	EXS	450	<u>Practicum in Exercise Science</u>	Change description to: Formerly PE 450. Provides an opportunity for students to gain 150 clock hours of field experience in an exercise setting, conducting prescribed exercise programs. Current CPR and First Aid Certification required.
	q	Course Revision	EXS	470	<u>Internship in Exercise and Health Promotion</u>	Change description to: Formerly PE 470 Prereq. Off-campus practical experience. Includes wellness/health promotion, corporate fitness, YMCA, strength and conditioning, sports medicine, and cardiac rehabilitation. Offers opportunities to apply fundamental concepts. Current CPR and First Aid Certification required.

r	Course Revision	PE	418	<u>Health Education: Methods, Materials & Resources</u>	Change prerequisites to: Admission to professional program, or M.S. in Physical Education, or permission of department chair.
s	Program Revision			<u>Major in Physical Education, B.S. Ed.</u>	<p>Change description to:</p> <p>82 credits in Physical Education skill and lecture courses as follows.</p> <p>Lecture Courses (46 credits) PE 111 Orientation to Physical Education EXS 210 Personal and Community Health EXS 213 Anatomy and Physiology in Human Performance I EXS 214 Anatomy and Physiology in Human Performance II EXS 216 Kinesiology PE 299 Psycho-Social Aspects of PE PE 300 Developmental Movement PE 305 Evaluation in Physical Education PE 405* Elementary Methods in PE PE 406* Adapted Physical Education PE 407 417* Secondary Methods in Physical Education PE 408* The Curriculum Process in K-12 PE PE 410* Exercise Physiology PE 413 416* Organization & Administration of PE PE 420* Lifespan Motor Development PE 422* Motor Learning Skill Courses (17 credits) PE 219 Methods of Teaching Golf PE 273 Tumbling and Gymnastics PE 277 Outdoor Adventure Activities PE 278 Methods of Teaching Games PE 279 Methods of Teaching Team Sports PE 280 Methods of Teaching Racquet Sports PE 374 Methods of Teaching Fitness DAN 272 Creative Dance in Education DAN 377 Modern Dance and Theory</p> <p>Professional Education Courses (19 credits) EDT 315* Educational Technology in the Secondary School Classroom EDTE 314 Applied</p>

					<p>Learning Theories, K-12 programs EDF 415* Educational Foundations or EDF 400* Philosophy of Education EDSC 417* Student Teaching, Elementary PE EDSC 419* Student Teaching, Secondary PE *Require admission to the Professional Program prior to enrollment Required General Education courses: BIO 111 or BIO 121 or BMS 111, CHEM 111 or CHEM 121, ENG 110, HIST 261, HIST 262, STAT 104, PHYS 111, PSY 236 and COMM 115.</p> <p>Note: No minor is required with this major. Note: For information on admission to the Professional Program, see page 78.</p> <p>N.B.(04/12/07) PE 407 was changed to 417 and PE 413 to 416 in December 2006.</p>
	t	Program Revision		<p><u>Major in Athletic Training, B.S. (not certifiable for teaching)</u></p>	<p>Change description to: 69 credits as follows.</p> <p>Lecture Courses (54 credits) EXS 110 Concepts in Fitness EXS 112 Introduction to Athletic Training EXS 210 Personal and Community Health EXS 213 Anatomy and Physiology in Human Performance I EXS 214 Anatomy and Physiology in Human Performance II EXS 216 Kinesiology EXS 217 Care and Treatment of Athletic Injuries EXS 218 Scientific Basis for Athletic Training EXS 307 Human Nutrition EXS 317 Therapeutics in Athletic Training EXS 332 Psychological Aspects of Sport EXS 398 Exercise for Special Programs EXS 413* Organization and Administration of</p>

						<p>Athletic Training EXS 414* Physiology of Sport and Exercise EXS 415* Fitness Assessment and Exercise Prescription EXS 421* Pharmacology in Sports Medicine EXS 440 Therapeutic Modalities in Athletic Training IT 380 Emergency Medical Technician Skill and</p> <p>Practicum Courses (15 credits) EXS 315* Practicum in Athletic Training I EXS 316* Practicum in Athletic Training II EXS 319* Practicum in Athletic Training III EXS 375 Training for Fitness EXS 445* Internship in Athletic Training * Require admission to the Professional Program prior to enrollment. Required General Education Courses: BIO 111 or BMS 111 or BIO 121, CHEM 111 OR CHEM 150 OR CHEM [161 and 162], ENG 110, STAT 104, CS 115, PHYS 111, PSY 236, COMM 140.</p>
Physics & Earth Sciences						
18	a	Course Revision	ESCI	110	<u>Introduction to the Earth</u>	<p>Change prerequisite to: No more than 5 credits in Earth Science.</p> <p>Change description to:</p> <p>Descriptive introduction to the astronomical, geological, and meteorological studies of the earth that allow an understanding of the earth as a physical environment. No credit given students with credit in ESCI 111. May not be applied to a major or minor in Earth Sciences.</p>
	b	Course Addition	ESCI	290	<u>Field Methods in Geology</u>	<p>2 Credits, Fall</p> <p>Prereqs: ESCI 122</p> <p>Description: Methods and equipment used in field geology, including use of a Brunton compass, outcrop description and sketching, basic</p>

						<p>mapping techniques, sampling methods, notebook maintenance, use of global positioning system (GPS) technology, geologic maps and cross sections, field safety, and report writing. One three-hour lab per week. Lab sessions will typically involve outdoor activities. Two or more one-half-day field trips required.</p> <p>Note: Required of all sophomore majors in Earth Science Geology Specialization.</p>
	c	Course Revision	ESCI	430	<u>Oceanography</u>	<p>Change number to: ESCI 335</p> <p>Change title to: Physical Oceanography</p> <p>Change prerequisites to: CHEM 161, 162, PHYS 121.</p> <p>Change description to: Introduction to physical properties and chemical composition of sea water, ocean currents and ocean circulation, and the physical characteristics of the seafloor. Also covered is the interrelationship of the oceans with atmospheric circulation and world climate. Three lectures per week</p>
	d	Program Revision			<u>Minor in Meteorology</u>	Minor change, No action needed
	e	Program Revision			<u>Minor in Geology</u>	Minor change, No action needed.
	f	Program Revision			<u>Minor in Astronomy</u>	<p>Change description to: 18 credits in Astronomy and related fields, including ESCI 178, 179, 278 and 330. The remaining course will be selected from PHYS 220, 325 or other electives after consultation with an Earth Sciences Department advisor. In addition, the student must take MATH 152, 221 and PHYS 125, 126.</p>

	g	Program Revision		<u>Major in Earth Sciences, B.S. (non-teaching)</u>	<p>Change description to:</p> <p>Major in Earth Science, B.S. (non-teaching) Earth Science includes a wide range of disciplines that are tied together with the study of the Earth and its place in the solar system and universe as the central common element. We offer three specific specializations:</p> <p>(a) Specialization in Astronomy: 36 credits as follows: ESCI 121, 178, 179, 278, 330, and 460. The remaining courses will be selected from related fields after consultation with the student's advisor. Students must take an additional 24 credits as follows: MATH 152, 221, CHEM 161, 162, 163, 164, and PHYS 125, 126. A minor is not required. This program is designed for students wishing to go on to graduate-level studies in astronomy, or those who expect to enter professional astronomy at the bachelor's level.</p> <p>(b) Specialization in Geology: 36 credits as follows: ESCI 121, 122, 221, 222, 290, 321, 322, 424, and 460. The remaining courses will be selected from ESCI 178, 431, 450, 490, GEOG 378 or other electives as selected in consultation with the student's advisor. Students must take an additional 24 credits as follows: MATH 152, 221, CHEM 161, 162, 163, 164, and PHYS 125, 126. An external geology field camp approved by the Department Chair is highly recommended. A minor is not required. This program is designed for students wishing to go on to graduate-level studies in geology, or those who expect to enter professional geology</p>
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						at the bachelor's level. (c) Specialization in Meteorology: 36 credits as follows: ESCI 121, 129, 178, 335, 431, 442, 460, 461, and 462. The remaining courses will be selected from Earth Science or related fields selected in consultation with the student's advisor. Students must take an additional 24 credits as follows: MATH 152, 221, CHEM 161, 162, 163, 164, and PHYS 125, 126. A minor is not required. This program is designed for students wishing to go on to graduate-level studies in Atmospheric Sciences, or those who expect to enter professional Meteorology at the bachelor's level.
Reading						
20		Course Revision	RDG	440	<u>Literacy in the Secondary School</u>	Tabled Change prerequisites to: Admission to the Professional Program in Teacher Education or permission of Reading Department chair and EDTE 316. To be taken concurrently with EDSC 425 Not open to post-baccalarte students who will take RDG 506 instead.
Social Work						
21	a	Course Addition	SW	100	<u>Explorations in Social Work</u>	3 Credits Description: For students with a strong desire to help people and facilitate social change to determine if they wish to pursue a career in social work. Students will be introduced to the full range of client and practice settings in the global context. Study Area III credit approved
	b	Course Revision	SW	362	<u>Generalist Social Work Practice with Families, Organizations,</u>	Change title to: Generalist Social Work Practice with Organizations, and Communities

					<u>and Communities</u>	
	c	Course Revision	SW	441	<u>Puerto Ricans in Transition: A Social Work Perspective</u>	Change description to: Critical aspects in understanding the Latino community and how they relate to social work. Micro, mezzo and macro approaches to providing strength based culturally relevant interventions are highlighted.
	e	Course Revision	SW	450	<u>Field Practicum I</u>	Change title to: Field Education Experience I
	f	Course Revision	SW	451	<u>Field Practicum Seminar I</u>	Change title to: Field Education Seminar I
	g	Course Revision	SW	452	<u>Field Practicum II</u>	Change title to: Field Education Experience II
	h	Course Revision	SW	453	<u>Field Practicum Seminar II</u>	Change title to: Field Education Seminar II
	i	Course Addition	SW	440	<u>Social Work Practice with African Americans</u>	3 Credits, Irregular Prerequisites: SW 226 and SW 227; or permission of instructor Description: Critical aspects in understanding the African American community and how they relate to social work. Micro, mezzo and macro approaches to providing strength based culturally relevant interventions are highlighted.
	k	Program Revision			<u>Major in Social Work, B.A.</u>	Change description to: 51 credits as follows: 42 credits in Social Work core courses including SW 226, 227, 360, 361, 362, 368, 374, 426, 450, 451, 452, 453; 6 credits of social work electives; and 9 credits of related courses including SOC 110 or ANTH 140; SW 100 or SOC 111, SOC 233. Social Work majors are also required to complete the following as part of their general education requirements: BIO 111; PS 110 or 230; ECON 200 and STAT 215
Technology Education						

22	a	Course Deletion	TE	213	<u>Electrical Energy</u>	Deleted
	b	Course Deletion	TE	214	<u>Mechanical Energy</u>	Deleted
		Course Revision	TE	399	<u>Teaching Technology & Engineering Education Teaching</u>	<p>Change title to: Teaching Technology and Engineering (K-12)</p> <p>Change prerequisites to: TE 155 OR TE 299 and Coreq. EDTE 314.</p> <p>Change description to: Develops background for Technology Education student teaching and professionalism. Emphasis on the development, presentation, and evaluation of student-developed lessons and methods of student assessment, applied to Technology Education laboratories. Field experience required.</p>
		Course Revision	TE	400	<u>Teaching of Technology Education</u>	<p>Tabled by [GS]</p> <p>Change title to: Professional Practices and Responsibilities in Technology Education and Engineering Education (K-12)</p> <p>Change prerequisites to: TE 399 and EDTE 314 and admission to the Professional Program. Co-requisite of EDSC 375 and SPED 315</p> <p>Change description to: Professional course which stresses preparation for student teaching, or supervised teaching, and objectives, planning techniques, and problems of teaching</p>

						technology education at the secondary, middle and elementary school levels. Required of all undergraduate majors in Technology Education, and post-baccalaureate students in the Technology Education certification program. Field hours required.
	c	Course Deletion	TE	428	<u>Research and Experimentation</u>	No action required
	d	Course Addition	TE	503	<u>Bioengineering Concepts & Applications</u>	<p>Tabled by [GS]</p> <p>3 Credits, Irregular</p> <p>Description: Course will focus on the concepts underlying a wide range of and the ethical issues of biotechnologies (DNA, genetics, gene therapy, stem cell research etc.); developing related curriculum; and presenting bioengineering concepts to grades 6-12 students. Minimum of 10 hours of field experience in middle or high school setting required.</p>