Senate Motion Number_____

FS06/07 40 P

University Senate Motion

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

1. The attached motion of the University Senate, dealing with

_____ May Curriculum Report _____

is presented to you for your consideration. Two additional copies are included for your use.

2. This motion was adopted by the University Senate on ___14 May 2007___

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.

4. Under the By-Laws of the University Senate, Section 3.8, the following schedule of action is to be observed.

a) By _____, Senate action reported to the President of University.
        (Date)
(Within five school days of the session in which they are adopted).

b) By _____, President of the University to return the motion to the
        (Date)
President of the Senate. (Within 10 school days of its receipt).

___21 May 2007___   ___Ala for T Craine___
(Date)   President, University Senate
                                      (Tim Craine)

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 _____

___6/18/07___   _____
Date   President

FACULTY SENATE REPORT
CCSU CURRICULUM COMMITTEE
May 2, 2007

This report will be taken up by the Faculty Senate at its May 7, 2007 meeting. (Unless otherwise noted, course additions/changes/deletions take effect in Spring 2007; program changes/additions may take effect as early as Fall 2007.)

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

I. Minor Changes

   o Deletion of OCP in Data Mining (Department of Mathematics)

II. Change to catalog language regarding double counting of courses for general education.

   o Current catalog language reads as follows:

      ▪ A maximum of 6 credits in the Study Area portion and a maximum of 6 credits in the Skill Area portion of the General Education program may be fulfilled by major or minor courses that are designated as applicable to General Education.

   o The curriculum committee has approved the following replacement language:

      ▪ A maximum of 8 credits in the Study Area portion and a maximum of 8 credits in the Skill Area portion of the General Education program may be fulfilled by major and/or minor courses that are designated as applicable to General Education with no more than 8 credits total from any one field of study.

III. Unfinished Business

   1. The following courses are to be deleted

Designator	Number
GER	379
GER	380
ML	106
ML	146

Accounting	
2 a Course Revision AC 445 Auditing	Change prerequisites to: AC 313 (may be taken concurrently), AC 340, STAT 201 with grades

				of C- or higher; for graduate students, permission of chair.	
b	Course Revision AC	455	Internal Auditing	Change prerequisites to: AC 313 (may be taken concurrently), AC 340, STAT 201 with grades of C- or higher; for graduate students permission of department chair.	

Management and Organization

3	Program Revision		Minors in Business for Non-Business Majors	Withdrawn by department

Manufacturing and Construction Management.

4 a	Course Revision IT	572	Innovative Leadership	Remove prerequisite
b	Course Revision IT	590	Decision Failure Analysis in Technology Management	Remove prerequisite
c	Course Revision IT	510	Industrial Operations Management	Change prerequisites to: Admission to a CCSU graduate program or permission of the department chair.
d	Course Revision IT	551	Project Management	Change prerequisites to: Admission to a CCSU graduate program or permission of the department chair.
e	Course Revision IT	594	Research in Methods Technology	Change prerequisites to: Admission to a CCSU graduate program or permission of the department chair.

Counseling & Family Therapy

5	Course Addition MFT	542	Professional, Ethical, and Legal Issues in Marriage & Family Therapy	3 credits, Fall, Summer Prerequisites: Admission to the MFT program Description: Professional, ethical, and legal issues pertaining to the practice of Marriage and Family Therapy.

Modern Languages

6	Course Revision FR	302	Masterpieces of French Literature	Change prerequisite to: FR 225 or 226 or 301 or permission of instructor.

Technology Education

7 a	Course Revision TE	400	Teaching of	Change title to: Professional Practices and

			Technology Education	Responsibilities in Technology Education and Engineering Education (K-12) Change prerequisites to: TE 399 and EDTE 314 and admission to the Professional Program. Co-requisite of EDSC 375 and SPED 315 Change description to: Professional course which stresses preparation for student teaching, or supervised teaching, and objectives, planning techniques, and problems of teaching 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. Remove Graduate Credit	
b	Course Addition TE		503	Bioengineering Concepts & Applications	3 Credits, Irregular 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.

VII. New Business

0. Jim Mulrooney from Biomolecular Sciences will serve as Secretary for the 2007-2008 academic year.

Computer Electronics and Graphics Technology					
2 a	Course Addition	CEGT	100	Seminar	1 credit, Fall Description: Covers career/employment trends and web based portfolio creation. Emphasis placed on written/oral communication for technical reports and assignment within the major courses. Review of university resources, policies, standards, and opportunities.

b	Course Addition	CET	497	Senior Seminar	1 credit, Fall Prerequisites: CET 466 (may be taken concurrently) Description: Assists students to better understand their hardware and software needs throughout their senior project. Students will conduct initial research to define their senior project and provide a project proposal to be implemented in the Senior Project course.
c	Course Addition	CET	150	Computer Applications for CET	Withdrawn
d	Course Revision	CET	453	Microcomputers	Change prerequisites to: CS 213 or CS 151, and CET 363; for graduate students, permission of department chair. Change description to: Microcontroller architecture including basic memory design, address decoding and internal register structure, and as-sembly language programming including addressing modes and instruction set. Laboratory work consists of program-ming and interfacing experiments.
e	Course Revision	CET	498	Senior Project	Change credits to: 2 Change Prerequisites to: CET 497 and permission of department chair. Change Description to: Study, design and/or research a particular project related to the major. Requirements include a paper and presentation of the project. Project may originate from student, instructor, and/or industrial partner.
f	Course Addition	CET	596	Technological Issues and Problems	1-3 Credits, On Demand Prerequisites: Admission to graduate program. Description: Extensive study of selected technological issues and problems. Course may be repeated with different topics for a maximum of 6 credits.
g	Course	GRT	222	Electronic Site	Change title to: 2D Animation for Graphics

		Creation for Graphics Technology	Technology Change description to: Integration of graphic technology applications and the study of electronic visual images. Emphasis will be on 2D animation.
Revision			
h	Program Revision	COMPUTER ENGINEERING TECHNOLOGY MAJOR, B.S. (124 credits)	Change Description to: **Core Requirements** ENGR 150 Intro to Engineering 3 ET 251 Appl. Engineering Mechanics I 3 ETM 260 CAD & Int. Mfg. OR MFG 121 3 ETM 356 Materials Analysis 3 ET 357 Strength of Materials 3 STAT 104 Elementary Statistics* 3 ENG 403 Technical Writing 3 CS 213/ CS 151** Applications of Comp.I / Computer Science I 3 CS 214 / CS 152** Applications of Comp, II / Computer Science II 3 **Major Req. Total 27** **Major Requirements (43 total credits)** CEGT 100 or FYE 101 Seminar or First Year Experience 1 CET 113 Intro to Information Processing 3 CET 201 Photonics Principles 3 CET 229 Computer Hardware Architecture 3 CET 236 Circuit Analysis 3 CET 249 Introduction to Networking 3 CET 323 Analog Circuits 3 CET 339 Computer System Administration 3 CET 349 Network Devices 3 CET 346 Signals and Systems 3 CET 363 Digital Circuits 3 CET 449 Advanced Networking 3 CET 453 Microprocessors 3 CET 466 Logic Design 3 CET 497 Senior Seminar 1 CET 498 Senior Project (Capstone) 2 **Major Req. Total 43** **Directed Electives (w/advisor) (8 credits)** CET 301 Fiber-Optic Communications 3 CET 479 Internet Technologies 3 CET 459 Network Security Fundamentals

			3 CS 153** Computer Science III 3 other 2
i	Program Revision	<u>ELECTRONICS TECHNOLOGY MAJOR, B.S.</u> <u>(63 credits)</u>	Change description to: Core Requirements (24 credits) IT190 Intro. to Quality Assurance 3 IT401 Industrial Internship 3 IT310 Industrial Safety 3 IT362 Leadership Skills 3 AC210 Industrial Accounting 3 ENG403 Technical Writing 3 MGT295 Fundamentals of Management 3 MKT295 Fundamentals of Marketing 3 Major Requirements (31 total credits) CEGT 100 or FYE 101 Seminar First Year Experience 1 CET113 Intro to Information Processing 3 CET 150 Computer Applications for CET CET223 Basic Electrical Circuits 3 CET233 Advanced Electrical Circuits 3 CET323 Analog Circuits 3 CET363 Digital Circuits 3 CET443 Electronic Communication 3 CET453 Microprocessors 3 EMEC303 Electromechanical Converters 3 MFG121 Technical Drafting & CAD 3 CS 213 or CS 151 Computer Science I or Applications of Programming 3 Directed Electives (w/advisor) (8 credits) EMEC323 Mechatronics 3 EMEC333 Data Acquisition & Control 3 CET 466 Logic Design 3 EMEC463 Programmable Logic Controlrs 3 IT480 Robotics 3
j	Program Revision	<u>INDUSTRIAL TECHNOLOGY MAJOR, B.S.</u> <u>(63 credits)</u> <u>(Networking)</u>	Change description to: **Major Requirements** IT 190 Intro. to Quality Assurance 3 IT 401 Industrial Internship 3 IT 310 Industrial Safety 3 IT 362 Leadership Skills 3 AC 210 Industrial Accounting 3 ENG 403 Technical Writing 3

MGT 295 Fundamentals of Management 3
MKT 295 Fundamentals of Marketing 3

Major Requirements (28 total credits)
CEGT 100 or FYE 101 Seminar First Year
Experience 1
CET 113 Intro to Information Processing 3
CET 223 Basic Electronics 3
CET 229 Comp. Hardware Architecture 3
CET 249 Introduction to Networking 3
CET 363 Digital Circuits 3
CET 339 Comp. System Administration 3
CET 349 Networking Devices 3
CET 449 Advanced Networking 3
CET 479 Internet Technologies 3

Directed Electives (w/advisor) (11 credits)

k	Program Revision	<u>INDUSTRIAL TECHNOLOGY MAJOR, B.S.</u> <u>(63 credits)</u> <u>(Graphics Technology)</u>	Change description to: **Core Requirements (24 credits)** IT 190 Intro. to Quality Assurance 3 IT 401 Industrial Internship 3 IT 310 Industrial Safety 3 IT 362 Leadership Skills 3 AC 210 Industrial Accounting 3 ENG 403 Technical Writing 3 MGT 295 Fund. Of Management 3 MKT 295 Fund. Of Marketing 3 Total Core **24** **Major Requirements (31 total credits)** CEGT 100 or FYE 101 Seminar First Year Experience 1 CS 110 Intro. Internet Prog/Applications 3 ART 120 Design I 3 CET 113 Intro to Information Processing 3 GRT 112 Digital Imaging-Graphic Tech. 3 GRT 212 Graphic Arts Processes 3 GRT 242 Graphic Design & Color 3 GRT 342 Screen Prntg & Post Press Op. 3 GRT 362 Est. & Sched. for Graphics Tech 3 GRT 442 Print Production 3 GRT 462 Advanced Graphic Arts Tech. 3 **Major Req. Total 31 Directed Electives w/advisor (8 credits)** GRT 472 Digital & Film Photography 3 GRT 352 Graphic Typography 3

Counseling & Family Therapy

3 a	Course Revision	SL	421	Basic Manual Communication II	Withdrawn
b	Program Revision			Master of Science in Counselor Education with specializations in: School Counseling	Change description to: Graduates are prepared for positions as counselors in public and private schools. The program is designed to meet the certification requirements of the State of Connecticut and the Council for Accreditation of Counseling and Related Educational Programs. Core Courses (12 credits): CNSL 500 The Dynamics of Group Behavior 3 CNSL 501 Theories and Techniques in Counseling 6 CNSL 503 Supervised Counseling Practicum 3 Specialized Courses (33 credits): CNSL 504 Professional Studies in Counseling 3 CNSL 506 Counseling Children and Adolescents 3 CNSL 520 Guidance Principles, Organization and Administration 3 CNSL 521 Career Counseling and Development 3 CNSL 522 Appraisal Procedures in Counseling 3 CNSL 524 Consulting in the Schools 3 CNSL 525 Multicultural Counseling 3 CNSL 526 Principles of Comprehensive School Counseling 3 CNSL 591 Supervised School Guidance Internship (three credits for two semesters) 6 CNSL 568 Alcohol and Drug Counseling 3 Research (3 credits) ED 598 Research in Education 3 Capstone (0-3 credits): Plan A: CNSL 599 Thesis 3 or Plan B: Comprehensive Exam (consists

					of a major case presentation done in conjunction with the student?s internship experience)
Management Information Systems						
4	Program Addition			Minor in Management Information Systems	18 Credits Description: Program addresses career planning needs of students who would like to complement their major area of study with a focused professional component in the field of Management Information Systems. The following courses can be applied toward the Minor: MIS201, MIS220, MIS305, MIS312, MIS315, MIS361, MIS400, MIS410, MIS450, MIS460 and MIS 462. In consultation with an MIS faculty advisor, students must complete 18 credits chosen to further major area of study and individual goals. In addition, students must maintain a GPA of at least 2.50 in the designed Program and a receive C- or higher in each Minor course.
Management and Organization						
5 a	Course Revision	IB	301	International Business	3 Credits, Fall Prerequisites: Completion of lower division business core or permission of Department Chair Description: Study of the field of international business and global business functions. Topics include the global business environment, trade and investment, monetary systems, strategy and structure of global business and global business operation
b	Course Deletion	IB	491	Special Topics in International Business	Delete this course
Manufacturing and Construction Management.						
6	Course Revision	IT	594	Research in Methods Technology	Change title to: Research Methods in Technology Change prerequisites to: Admission to a CCSU graduate program or permission of the department chair.

Physical Education

7	Course Addition	DAN	477	Dance Methods	3 Credits, Irregular
					Prerequisites: DAN 272; DAN 377, and Admission to Professional Program in Physical Education or permission of instructor.
					Description: Explore appropriate methods for teaching K-12 dance. Gain an understanding of student and discipline-centered teaching styles, effective classroom management, and teaching practice. Professionals from dance and physical education will be involved

Physics and Earth Sciences

	Course Revision	ESCI	424	Geomorphology	Change to 4 Credits
					Change prerequisites to: ESCI 121; for graduate students, permission of department chair.
					Change description to: Scientific study of landforms on the Earth's surface. A systematic analysis of a wide variety of landforms, with an emphasis on the processes that form them. Tectonic and climate controls of geomorphic systems are considered as are the impacts of human activities. Three one-hour lectures and one three-hour laboratory per week. One or more one-day field trips.

Psychology

8	Course Addition	PSY	544	Biofeedback: Principles and Practice	3 Credits, Fall (E)
					Prerequisites: Admission to graduate program in Pyschology or PSY 541 OR PSY 542 OR PSY 543 OR permission of instructor.
					Description: Basics of theory underlying biofeedback; use of biofeedback equipment; overview of biofeedback assessment, treatment and evaluation.
	Course Addition	PSY	270	Psychology and the Law	3 Credits, Spring
					Prerequisites: PSY 112

					Description: Interaction between psychology and the U.S. legal system. Application of basic psychological science findings to the investigation and adjudication of criminal and civil matters, including forensic psychology. Applied psychology research and practice that has focused explicitly on legal issues.
	Course Deletion	PSY	598		Delete this course
Reading					
9	Course Addition	RDG	400	Writing Instruction for Elementary Teachers	2 Credits, Irregular Prerequisites: Permission of Teacher Education chair and Reading and Language Arts chair. Description: Explores writing as it relates to the teacher as writer and the impact of his/her writings on writing instruction in elementary classroom. Focus will be on developing the teacher as write
English					
10	Course Revision	LING	230	The Study of Language	Add [I] designation