Agenda for the January 26,2006 CAA Meeting

Items approved: 06-05, MAT 2170, Computer Science I (Revised Course)
05-94R, Mathematics Major (Revised Program)
05-95R, Mathematics and Computer Science (Revised Program)
06-06, INT 4863, Packaging Design, Specialty Inks, and Coatings (New Course)

Items Pending: 05-55, Grade Appeals (Revised Policy)
06-07, General Education Faculty Survey on Critical Thinking
06-08, COS 4835, Supervision in Organizations (New Course)
06-09, Career and Organizational Studies (Revised Program)
06-10, FCS 4440, Undergraduate Research (New Course)
06-11, INT 3073, Programmable Logic Controllers (New Course)
06-12, INT 4000, Undergraduate Research (New Course)
06-13, INT 4353, Print and Digital Media Production (Revised Course)
06-14, Industrial Technology, Automation and Control Concentration (Revised Concentration)

Council on Academic Affairs
Minutes
January 26 2006

The January 26, 2006 meeting of the Council on Academic Affairs was held at 2:03 p.m. Booth Library Conference Room 4440.

Members present: Dr. Bower, Dr. Carwell, Dr. Dietz, Ms. Dilworth, Ms. Fredrick, Dr. French, Mr. Glenn, Mr. Marcy, Dr. Reid, Dr. Roszkowski, Ms. Sterling, and Dr. Stowell.

Members absent: Dr. Upadhyay.

Staff present: Dr. Lord, Dr. Herrington-Perry, and Ms. Fopay.

Guests present: Dr. Age, School of Technology; Dr. Andrews, Mathematics and Computer Science; Ms. Bachelder, School of Continuing Education; Dr. Cross, Academic Affairs; Dr. Haile Mariam, Faculty Senate; Mr. Danny Harvey, Center for Technology & Support; Ms. Sue Harvey, Records & Registration; Dr. Hawkins, Career & Organizational Studies; Dr. Hogan, Career & Organizational Studies; Ms. Miller, College of Arts & Humanities; Ms. Zeigler, Academic Advising Center.

I. Approval of the January 19, 2006 Minutes.

The minutes of January 19, 2006 were approved as amended.

1. Correct the first sentence on page two in reference to agenda item 05-102, Extension of the withdrawal deadline of "W" and deleting the "WP/WF" grade.
   ~~Dr. Stowell~~ **Mr. Collier** moved and Ms. Dilworth seconded the motion to approve the proposal. The motion passed unanimously.

The agenda order was revised.

II. Items Added to the Agenda:

1. 06-07, General Education Faculty Survey on Critical Thinking
2. 06-08, COS 4835, Supervision in Organizations (New Course)
3. 06-09, Career and Organizational Studies (Revised Program)
4. 06-10, FCS 4440, Undergraduate Research (New Course)
5. 06-11, INT 3073, Programmable Logic Controllers (New Course)
6. 06-12, INT 4000, Undergraduate Research (New Course)
7. 06-13, INT 4353, Print and Digital Media Production (Revised Course)
8. 06-14, Industrial Technology, Automation and Control Concentration (Revised Concentration)

Dr. French moved and Ms. Dilworth seconded the motion to add these items to the agenda.

Dr. Roszkowski entered the meeting at 2:10 p.m.

III. Items Acted Upon:

1. **06-06, INT 4863, Packaging Design, Specialty Inks, and Coatings (New Course)**
   Dr. Age presented the proposal and answered questions of the council. The council requested that a semi-colon be added to the course prerequisites.

   Ms. Dilworth moved and Dr. Dietz seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal was approved, *effective Summer 2007,* pending CGS approval and course fee approval by the President's Council.

   > **INT 4863. Packaging Design, Specialty Inks, and Coatings (2-2-3) On-Demand. Package Design.** Detailed study of the practical applications of package design for specific products including membrane switches, and theory of Radio Frequency Identification (RFID) printing processes. Specialty inks and coatings such as conductive inks, UV inks, food-grade inks, and microencapsulated inks will be explored. Prerequisite: INT 1363, INT 3343, junior standing; or permission of instructor. WA

2. **06-05, MAT 2170, Computer Science I (Revised Course)**
   Dr. Andrews presented the proposal and answered questions of the council.

   Dr. French moved and Ms. Dilworth seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal was approved, *effective Fall 2006.*

   > **MAT 2170. Computer Science I. (3-2-4) F, S. COMPUTER SCI I.** The development of algorithmic solutions to numeric and non-numeric problems. Implementation in a block-structured programming language such as C++. Prerequisite: Credit for or concurrent enrollment in MAT 1441G or MAT 2110G.

3. **05-94R, Mathematics Major (Revised Program)**
   Dr. Andrews presented the proposal and answered questions of the council.

   Ms. Dilworth moved and Dr. French seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal **(See Attachment A)** was approved, *effective Fall 2006.*

4. **05-95R, Mathematics and Computer Science (Revised Program)**
   Dr. Andrews presented the proposal and answered questions of the council.

   Dr. French moved and Dr. Roszkowski seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal **(See Attachment B)** was approved, *effective Fall 2006.*

IV. Other Business

1. Banner Presentation
   Dr. Cross provided an explanation of Banner, as well as EIU process teams currently assessing and working on various aspects of Banner. In addition, Dr. Cross, Ms. Harvey, and Dr. Herrington-Perry answered council members questions, including those that were outlined at the January 19, 2006 CAA meeting.

   Also, Dr. Herrington-Perry distributed three handouts: Prerequisite Checking in Banner Catalog; Facilitating the Banner Catalog Conversion: Required Course Information for Regular, Active Courses; and an example of the Catalog Prerequisites and Test Score Restrictions Banner screen. She highlighted information pertaining to each document and

provided details on course information that is needed from departments to facilitate the Banner Catalog conversion. Also, she discussed prerequisites, co-requisites, and concurrent enrollment for courses in relation to what Banner can and cannot check.

2. Demonstration of the CAA electronic meeting discussion board.
   Mr. Danny Harvey presented and answered questions about an electronic meeting discussion board that he created for CAA. The electronic discussion board will allow CAA to hold open electronic meetings.

V. Communications:

1. Fall 2005 Waiver Appeals Report from Ms. Judy Kopp, Records Office.
2. Minutes from the January 20, 2006 Lumpkin College of Business & Applied Sciences Curriculum Committee Meeting.
3. January 26, 2006 e-mail from Dean Bonnie Irwin, Honors College, regarding a service-learning web seminar on February 15, 2006.
   Dr. Reid indicated that Dean Irwin would like someone from CAA to attend this seminar. Dr. Reid and Dr. Bower indicated that they plan to attend a portion of the seminar.

VI. Committee Reports:

None.

VII. Pending:

1. 05-55, Grade Appeals (Revised Policy)
2. Appointment of a General Education Review Committee

The next meeting will be held Thursday, February 2, 2006.

The meeting adjourned at 3:45 p.m. *--Minutes prepared by Janet Fopay, Recording Secretary*

The current agenda and all CAA council minutes are available on the web at http://www.eiu.edu/~eiucaa/. In addition, an electronic course library is available at http://www.edu.edu/~eiucaa/elibrary/.

The CAA minutes, agendas, and summaries of CAA actions are distributed via a listserv, caa-list. To subscribe, go to the following web site: http://lists.eiu.edu/mailman/listinfo/caa-list. Locate the section "Subscribing to caa-list" and enter your email address and create a password. Next, click on the subscribe box. An email will be sent to you requesting confirmation. Once confirmation is received, your request will be held for approval by the list administrator. You will be notified of the administrator's decision by email.

********** ANNOUNCEMENT OF NEXT MEETING **********
Thursday, January 26, 2006
Conference Room 4440 – Booth Library @ 2:00 p.m.

Agenda

1. 06-07, General Education Faculty Survey on Critical Thinking
2. 06-08, COS 4835, Supervision in Organizations (New Course)
3. 06-09, Career and Organizational Studies (Revised Program)
4. 06-10, FCS 4440, Undergraduate Research (New Course)
5. 06-11, INT 3073, Programmable Logic Controllers (New Course)
6. 06-12, INT 4000, Undergraduate Research (New Course)
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8. 06-14, Industrial Technology, Automation and Control Concentration (Revised Concentration)

Pending:

1. 05-55, Grade Appeals (Revised Policy)

Approved Executive Actions:
None.

Pending Executive Actions:
None.

Attachment A

REVISION OF THE MATHEMATICS MAJOR (B.A.)

Mathematics

(BA)
Major

The Mathematics major comprises the following courses and one of the concentrations listed below. An upper division writing intensive course is required.

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
MAT 2170 - Computer Science I. Credits: ~~3~~ **4**
MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
MAT 2550 - Introduction to Linear Algebra. Credits: 3
MAT 2800 - Foundations of Mathematics. Credits: 3
MAT 3530 - Abstract Algebra. Credits: 4
MAT 3800 - Seminar in Mathematics. Credits: 2

Group I Requirements

MAT 4760 - Linear Algebra. Credits: 4
MAT 4855 - Introduction to Topology. Credits: 3
MAT 4860 - Mathematical Analysis. Credits: 4

12 Semester Hours From:

MAT 3271 - College Geometry I. Credits: 3
MAT 3272 - College Geometry II. Credits: 3
MAT 3501 - Differential Equations I. Credits: 3
MAT 3502 - Differential Equations II. Credits: 3
MAT 3701 - Probability and Statistics I. Credits: 3
MAT 3702 - Probability and Statistics II. Credits: 3
MAT 3770 - Combinatorial Computing. Credits: 3
MAT 4750 - Linear Programming. Credits: 3
MAT 4830 - Introduction to Complex Analysis with Applications. Credits: 3
MAT 4850 - Operations Research. Credits: 3
MAT 4885 – Theory of Computation. Credits: 3 ADD
MAT 4910 - Number Theory. Credits: 3

Group II Requirements

BUS 2101 - Financial Accounting. Credits: 3
ECN 2801G - Principles of Macroeconomics. Credits: 3
ECN 2802G - Principles of Microeconomics. Credits: 3
MAT 3701 - Probability and Statistics I. Credits: 3
MAT 3702 - Probability and Statistics II. Credits: 3
MAT 4750 - Linear Programming. Credits: 3
MAT 4850 - Operations Research. Credits: 3 or
MGT 3800 - Introduction to Operations Research. Credits: 3

6 Semester Hours From:

MAT 2670 - Computer Science II. Credits: 3
MAT 3570 - Numerical Calculus. Credits: 3
MAT 3670 - Principles of Computer Systems. Credits: 3
MAT 3770 - Combinatorial Computing. Credits: 3
MAT 3870 – Data Structures. Credits: 3 ADD
MAT 4490 - Independent Study. Credits: 1 to 3
MAT 4760 - Linear Algebra. Credits: 4
MAT 4780 - Mathematics of Interest. Credits: 3
MAT 4830 - Introduction to Complex Analysis with Applications. Credits: 3
~~MAT 4870 - Data Structures and Algorithm Analysis. Credits: 3~~ DELETE
MAT 4880 – Design and Analysis of Algorithms. Credits: 3 ADD
MAT 4885 – Theory of Computation. Credits: 3 ADD
MAT 4970 - Principles of Operating Systems. Credits: 3

6 Semester Hours From:

BUS 2102 - Managerial Accounting. Credits: 3
BUS 3010 - Management and Organizational Behavior. Credits: 3
ECN 3972 - Statistics Applied to Economics II. Credits: 3
ECN 4802 - Intermediate Microeconomic Theory. Credits: 3
ECN 4803 - Mathematical Economics. Credits: 3
FIN 3900 - Risk and Insurance. Credits: 3

Footnotes:

(Major GPA based on courses in one of the above groups and on all mathematics courses taken at EIU.)

Attachment B

Mathematics and Computer Science: Program Revision

Mathematics and Computer Science
(BS)
Major
The Mathematics and Computer Science major comprises a required upper-division writing intensive course and the following:

- **CIS 3300 - Business Programming in COBOL. Credits: 3** DELETE
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2170 - Computer Science I. Credits: ~~3~~ 4
- MAT 2345 - Elements of Discrete Mathematics. Credits: 3
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
- MAT 2550 - Introduction to Linear Algebra. Credits: 3
- MAT 2670 - Computer Science II. Credits: 3
- MAT 3570 - Numerical Calculus. Credits: 3
- MAT 3670 - Principles of Computer Systems. Credits: 3
- MAT 3701 - Probability and Statistics I. Credits: 3
- MAT 3702 - Probability and Statistics II. Credits: 3
- MAT 3770 - Combinatorial Computing. Credits: 3
- **MAT 3870 - Data Structures. Credits: 3** ADD
- MAT 4275 - Internship in Mathematics and Computer Science. Credits: 10 to 15 (10 hours from MAT 4275)
- **MAT 4870 - Data Structures and Algorithm Analysis. Credits: 3** DELETE
- **MAT 4880 - Design and Analysis of Algorithms. Credits: 3** ADD
- MAT 4970 - Principles of Operating Systems. Credits: 3

6-8 Semester Hours of Electives Chosen From

- CIS 3340 - File Organization and Management Methods. Credits: 3
- MAT 3501 - Differential Equations I. Credits: 3
- MAT 3502 - Differential Equations II. Credits: 3
- MAT 3530 - Abstract Algebra. Credits: 4
- MAT 4750 - Linear Programming. Credits: 3
- MAT 4850 - Operations Research. Credits: 3
- **MAT 4885 - Theory of Computation. Credits: 3** ADD
- PHY 3150 - Electronics. Credits: 4

Footnotes:
(Major GPA based on those courses listed above taken at EIU.)