MINUTES OF THE COUNCIL ON GRADUATE STUDIES **December 6, 2005**

The Council on Graduate Studies met at 2:00 p.m. on Tuesday, December 6, 2005 in the Arcola/Tuscola Room.

Members present: Dr. Conn, Dr. Costa, Ms. Davis, Dr. Elder, Dr. Hake, Dr. Loewen, Dr. Morford, Dr. Owen

Members absent: Dean Augustine, Dr. Burns, and Dr. O'Rourke

Staff present: Mr. Rodney Ranes and Ms. Linda Barter, The Graduate School

Guests present: Dr. Peter Ping Liu, School of Technology; Dr. Tom McDonald, School of Technology; Dr. Sam Guccione, School of Technology; Dr. Deb Woodley, School of Technology; Dr. Karen Gaines, Biological Sciences; Dr. Andrew Methven, Biological Sciences; Dr. Merribeth Bruning, Early Childhood; Dr. Judy Barbour, Early Childhood; Dr. Marylin Lisowski, Early Childhood; and Dr. Sham'ah Md. Yunus, Early Childhood

I. Approval of the November 15, 2005 Minutes

Dr. Morford moved and Dr. Costa seconded the motion to approve the November 15, 2005 minutes. The motion passed unanimously.

II. Communications

1. Lumpkin College of Business and Applied Sciences Curriculum Committee meeting minutes of Monday, November 14, 2005
2. College of Sciences Curriculum Committee Minutes of Friday, November 11, 2005

III. Approved Executive Actions

1. Mary Anne Hanner, Dean, COS, has requested the following be approved by executive action at the Council on Graduate Studies December 6, 2005 meeting. The College of Sciences Curriculum Committee approved the actions at the November 11, 2005 to be effective Fall 2006. I ask that similar action be taken at the Council on Graduate Studies.

   MAT 4870 – Delete course from the graduate catalog, pending approval of MAT 3870 and 4880.

   Rationale: The material in MAT 4870 will be covered in either MAT 3870 or MAT 4880, both of which will be required courses for the Mathematics and Computer Science major.

2. Robert M. Augustine, Dean, The Graduate School, has requested the following be approved by executive action at the Council on Graduate Studies December 6, 2005 meeting. Thank you for your consideration.

   Extend the withdrawal deadline with a grade of "W" and delete the WP/WF grade. Because the WP/WF grades are non-punitive, there will be no impact to a student's record other than it will show only a grade of "W" if they withdraw from a course by the 11th class week. The following text revision is proposed:

   "Withdrawal with No Credit"
   Students withdrawing from a course or from the University within the first 10 class

days of the semester receive no grade for the course. Students withdrawing from a course or from the University between the 11th day and the Friday of the ~~9th~~ 11th week of the term will receive the grade designation of "W" or "Withdraw" on the transcript. ~~**Withdrawal Passing or Withdrawal Failing** Students who withdraw after the Friday of the 9th week of class but before the Friday of the 11th week of class will receive a "WP" or "Withdraw Passing" if the work in the course is passing. The "WF" or "Withdraw Failing" will be given if the work in the course is failing.~~ Students may not initiate withdrawal from a course later than the Friday of the 11th week of the semester. Cutoff dates for intersession and summer terms are reduced proportionally. Specific withdrawal dates are listed in the Class Schedule published each term.

For information regarding the billing of tuition and fees, see the REFUNDS section of this catalog."

If the above action is approved, the "Graduate Credit and Grading Policies" section of the 2005-2005 will include the following revision:

"Graduate Credit and Grading Policies"

Grades
The grades given in courses are as follows:

Grade	Description	Value
A	Excellent	4
B	Good	3
C	Average	2
D	Poor but Passed	1
F	Failed	0
CR	Credit	--
NC	No Credit	--
AU	Audit	--
DC	Deferred Credit	--
I	Incomplete	--
W	Withdrew-- No Grade	--
~~WP~~	~~Withdrew-- Passing~~	~~--~~
~~WF~~	~~Withdrew-- Failing~~	~~--~~
X	No Grade Submitted	--"

IV. Items to be Added to the Agenda

1. 06-01, MAT 4880, Design and Analysis of Algorithms (New Course Proposal)
2. 06-02, MAT 4890, Theory of computation (New Course Proposal)
3. 06-03, PLS 4923, African American Political Thought (New Course Proposal)
4. 06-04, PLS 4943, American Political Thought (New Course Proposal)

Dr. Morford moved and Dr. Costa seconded the motion to add these items to the agenda. The motion passed unanimously.

V. Items to be Acted On

1. 05-42, Graduate Faculty Status

The council members requested this item remain on the agenda until all council members are present at the January 17, 2006 meeting.

The order of the agenda was altered to accommodate guests.

2. 05-49, BIO 4820, Spatial Analysis for Environmental Sciences (New Course Proposal)

   Dr. Gaines and Dr. Methven presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with an effective date of Fall 2006.

   BIO 4820. Spatial Analysis for Environmental Sciences. (3-3-4) F. Spatial Analysis. An introduction to how spatial data are synthesized and interpreted in the environmental sciences. The course will focus on interpretation of remotely sensed data, point pattern analysis, and digital elevation models. Students will become familiar using appropriate software such as Geographic Information Systems (GIS), statistical and modeling software. Prerequisite: BIO 3800 or permission of the instructor.

3. 05-43, INT 4823, Facility Security (New Course Proposal)

   Dr. Liu, Dr. McDonald, Dr. Guccione, and Dr. Woodley presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with one minor language change in Section 2 (b) *Graduate students taking this course will have an additional task of a research paper on the latest security technologies and the ~~ae~~effect the technologies have on business and industry.*

   INT 4823. Facility Security. (3-0-3) S, F. Facility Sec. This course is designed to prepare students to study facility security including: 1) monitoring personnel and their movements, 2) monitoring incoming and outgoing raw materials, 3) tracking finished goods and services, 4) protecting processes and equipment, 5) physical security, and 6) securing utilities (water, electric, etc.). Prerequisite: None

4. 05-44, INT 4833, Automatic Identification and Data Capture (New Course Proposal)

   Dr. Liu, Dr. McDonald, Dr. Guccione, and Dr. Woodley presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with one minor language change in Section 4 (b). The council member requested a sentence be added to reflect this course is offered to graduate students in addition to undergraduate seniors. The proposal was approved unanimously with an effective date of Spring 2007.

   INT 4833. Automatic Identification and Data Capture. (2-2-3) S, F. AutoID. A study of the methods and systems used to automatically identify objects. Various forms of keyless data entry and capture through class and lab experience will be studied; bar coding, scanning, radio frequency identification (RFID), voice data entry, vision, biometrics, and other systems. Prerequisite: INT 2324 Electronic Control Systems or equivalent.

5. 05-45, TEC 5353, Network Security (New Course Proposal)

   Dr. Liu, Dr. McDonald, Dr. Guccione, and Dr. Woodley presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with an effective date of Fall 2006.

   TEC 5353. Network Security. (3-1-3) F. Network Security. A study on technology for network security and on Cryptographical principles and applications. Prerequisite: TEC 5313 or equivalent.

6. 05-46, TEC 5363, Database Security and Reliability (New Course Proposal)

   Dr. Liu, Dr. McDonald, Dr. Guccione, and Dr. Woodley presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with an effective date of Summer 2006.

   TEC 5363. Database Security and Reliability. (2-2-3) On Demand. Dbase Security. Study of principles and practices of implementing computer database security in modern businesses and industries, including database security principles, database auditing, security implementation and database reliability. Prerequisite: TEC 5323, or equivalent.

7. 05-47, TEC 5413, Biometric Security (New Course Proposal)

   Dr. Liu, Dr. McDonald, Dr. Guccione, and Dr. Woodley presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with an effective date of Fall 2006.

   TEC 5413. Biometric Security. (3-1-3) On demand. Biometric Sec. A study on unimodal and multimodal biometric security assurance technology applied to surveillance and identification. Prerequisite: None

8. 05-48, Technology Security Program (New Proposal)

   Dr. Liu, Dr. McDonald, Dr. Guccione, and Dr. Woodley presented the proposal and answered questions of the council members.

   The proposal was approved unanimously with an effective date of Fall 2006. See ***Attachment A***.

9. 05-50, ELE 5100, Introduction to Graduate Studies in EC/ELE/MLE (New Course Proposal)

   Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

   The proposal was approved with a vote as follows with a revision to the short title and an effective date of Fall 2006:
   Yes: Conn, Costa, Elder, Hake, Loewen, Morford, and Owen
   No: Davis

Abstain: None

> **ELE 5100. Introduction to Graduate Studies in EC/ELE/MLE. (3-0-3) F, S, SU. ~~Intro to Grad Study~~ Into Grad Stu.** This course provides an overview of the expectations of an advanced degree program and an opportunity to acquire the necessary skills and knowledge to complete the program successfully. Prerequisites: Admittance to Graduate School

10. 05-51, ELE 5250, Research in Education (Revised Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was unanimously approved with an effective date of Spring 2006.

> **ELE 5250. Research in Education. (3-0-3) (F, S, SU) Research.** Provides experiences in defining problems and in using research techniques in writing, interpreting, and evaluating research in elementary education. Prerequisite(s): ELE 5100 Introduction to Graduate Study in EC/ELE/MLE.

11. 05-52, ELE 5500, Creativity, Play, and the Brain of the Young Child (New Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Summer 2007.

> **ELE 5500. Creativity, Play, and the Brain of the Young Child. (3-0-3) F, S, SU. Brain Dev~~elopment.~~** This course explores the brain development in the young child along with the roles of play and creativity. Prerequisites: Admittance to the Graduate School and completion of Phase I of the Elementary Masters program or permission of the department chair.

12. 05-53, ELE 5810, Integrated Curriculum in the Elementary Classroom I (New Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Fall 2007.

> **ELE 5810. Integrated Curriculum in the Elementary Classroom I. (3-0-3) F, S, SU. ~~Integrated Curriculum~~ Integrat Curr I.** This course provides a research base and opportunity to apply learning theory for integration of subject matter in the elementary school with a focus on Fine Arts, Language Arts, and Social Studies. Prequisites: Admittance to Graduate School and Phase I of the Elementary Masters or permission of the Department Chair.

13. 05-54, ELE 5820, Integrated Curriculum in the Elementary Classroom II (New Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Spring 2008.

ELE 5820. Integrated Curriculum in the Elementary Classroom II. (3-0-3) F, S, SU. ~~Integrated Curriculum II~~ Integrat Curr II. This course provides a research base and opportunity to apply learning theory for integration of subject matter in the elementary school with a focus on fine arts, science, math, health, and physical education. Prerequisites: Admittance to Graduate School and Phase I of the Elementary Masters, Integrated Curriculum in the Elementary School I or permission of the Department Chair.

14. 05-55, ELE 5900, Applied/Action Research in Education (New Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Summer 2008.

ELE 5900. Applied/Action Research in Education. (3-0-3) F, S, SU. ~~Applied/~~Action Research. This course provides the fundamental framework for analyzing research and for conduction of Action Research Projects. Students will create and implement an action research project. They will create a written paper and a presentation concerning their projects. Use of technology tools is required. Diversity issues will be addressed. Prerequisite(s):ELE 5100 Intro to Graduate Study; ELE 5250 Research or EDU 5200 Intro to Research.

Dr. Conn left the meeting at 3:55 p.m.

15. 05-56, MLE 5270, Content Area Literacy Instruction (Revised Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Summer 2007.

MLE 5270. Content Area Literacy Instruction. (3-0-3) F, S, SU. Content ~~Area~~ Literacy. Content Area Reading: Implementing of reading strategies, approaches to instruction, and informal assessment of struggling readers. Prerequisites: ELE 3280 or permission of Department Chair.

16. 05-57, MLE 5400~~, 5401, 5402,~~ Topics in School Middle Level Education (Revised Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and

answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Summer 2006.

MLE 5400~~, 5401, 5402.~~ Topics in School Middle Level Education. ~~(3-0-1-3)~~ (3-0-1 to 3) F, S, SU. ~~Topics in Middle Level Education~~ Spec Top MLE. A study of current research and practices in middle level education (e.g. organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns). Prerequisites: Completion of the Middle Level Course sequence (MLE 3110, MLE 4760, MLE 4280, or MLE 5110, MLE 5150) or permission of Department Chair.

Dr. Loewen left the meeting at 4:05 p.m.

17. 05-58, MLE 5700, Seminar in Middle/Junior High School Education (New Course Proposal)

Dr. Bruning, Dr. Barbour, Dr. Lisowski and Dr. Yunus presented the proposal and answered questions of the council members.

The proposal was approved unanimously with a revision to the short title and an effective date of Summer 2006.

MLE 5700. Seminar in Middle/Junior High School Education. (Arr. -1 to 3) F, S, Su. ~~Seminar offered in Middle/Junior High School Education~~ Sem MLE/JH Ed. Intensive study of important contemporary issues, problems, developments, and trends in Middle/Junior High School Education. A maximum of six semester hours may be earned in MLE 5700, ELE 5950, or in ELE 5990, but no more than nine semester hours may be earned in any combination of these. Prerequisites: MLE 5110 and MLE 5150 or equivalent course work, prior to teaching experience.

VI. Other Business

1. None

VII. Committee Reports

1. Research/Creative Activity Awards – Dr. Elder reported the Fall 2005 awards have been distributed to three graduate students.
2. GSAC – Dr. Owen reported she attended the meeting on Wednesday, November 16. The council discussed updates on the web site and constitution.
3. Library Advisory Board – Dr. Hake reported the division of the library budget and increased funding for books and materials were discussed at the November 30, 2005 meeting.
4. Honorary Degree – Dr. Elder reported the committee will meet during finals week.

VII. Dean's Report

1. Attend the Council of Graduate School 45th Annual Meeting in Palm Springs, California. While at the conference Dean Augustine will present a paper on professional doctoral and master's degrees vs. traditional degrees.

The meeting adjourned at 4:15 p.m. Linda Barter, Coordinator

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ANNOUNCEMENT OF THE NEXT MEETING
Tuesday, January 17, 2006
Arcola/Tuscola Room

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