UNIVERSITY OF ARKANSAS AT LITTLE ROCK
GRADUATE COUNCIL
Minutes of meeting on April 11, 2001

Members Present: Al-Shukri, Garnett, Hanson, James-Barnes, Leslie, Lindsay, McAlpine, Minsker, Mock, Pledger, Recken, Robson, Shaikh, Sikes, Sims, Spataro, Spillers, Strom (for Franklin), & Wayne

Members Absent: Chisholm, Edwards, CBA; Benda, CPS; Deere, G SA

Others Present: Hawk, Appl Sci; Plopper, Journ; Watts, HIED; K Smith & P. Sheen, Grad Sch

1. Approval of minutes, March 21, 2001. Approved

2. Old Business: none

3. New Business:
b. Report of Personnel Sub-Committee:
SPECIAL STATUS:
COE: (HIED)
Cates, Tommy A., DBA, Prof of Mgmt at Univ of Tn Martin, to serve on dissertation committee for Tricia Satkowski Harper to 3/04.
Fox, Emogene L., EdD, Prof & Chair, Health Sciences, UCA, to serve on dissertation committee for Kathy French to 5/04.
Hodges, Linda C., EdD, Prof and Dean of College of Nursing, UAMS, to serve on dissertation committee for Tricia Satkowski Harper to 3/03. withdrawn
Cates & Fox approved

FULL STATUS:
CPS: (Journ)
Rhodes, Carlton M. "Sonny", MA, Asst Prof of Journ, requesting full status. Approved for full status

a. Report of Curriculum Sub-Committee:
AHSS:
HIST 4306/5306 History with Objects (chg in title from Material Culture in America I: The Artifact in 18th & 19th Century America)
4315/5315 American Religious History of the U.S. (title chg at Undergrad Council)(new). Development of Protestantism including evangelicalism, new denominations, & fundamentalism; incorporation of Catholicism & Judaism into mainstream; relationship between religion & social & political issues including church & state; minority religious beliefs & organizations; varying role of men & women in religious organizations
7331 History Museum Interpretation (chg title from Historical Interpretation in Museums)
All approved as noted
CBA:
MKTG 7320 E-Commerce: Strategic Issues (new). Prerequisite: graduate standing, MKTG 7200 or equivalent. (Elective) Survey of Web activity. Business models and other frameworks for evaluating and creating business strategies involving electronic networks. Infrastructures and technology issues. Ethical and policy issues. Approved

CYBER:
SYEN 4343/5343 Networks and Combinatorial Optimization (new). This course is an in-dept study of combinatorial programming and network flow optimization. The emphasis will be placed on discrete optimization and specialized solution techniques that are efficient ways to solve mixed-integer programming problems. These techniques include minimum cost flow, networks with gains, multi-commodity flow networks,

networks with side constraints, and Lagrangian relaxation. Computational complexity is also discussed. Approved

COE:

HIED Comprehensive Program in Higher Education and Student Affairs (change in the structure of the HIED doctoral program)

EdD in Higher Education: Student Affairs Administration

8157 Professional Seminar (new). 2nd yr doctoral seminar designed to identify & explore critical professional issues which will influence practice and which may be shaped by informed practice; to continue critical thinking and intellectual inquiry; to candidly discuss those controversial issues of importance to higher education; to review & support program requirements such as research competencies & program proposals; and to continue to connect students with each other and with the College Student Affairs program.

8256 First-Year Doctoral Seminar (new). Provide a general orientation to doctoral study in the College Student Affairs track in the IED program as well as the Student Affairs profession. Emphasis on leadership roles within the profession, critical issued for practicing administrators, diversity & multiculturalism, & enhancing student learning as a central mission of student affairs. Designed to provide participants with common understandings, a frame of reference about the profession, opportunities for clarification of individual perspectives and values, & development of & participation in the college student affairs community. Critical thinking, careful analysis and synthesis and a high level of student involvement will be required.

8353 Assessment & Program Evaluation in Student Affairs (new). Overview of evaluation as an inquiry process & examine the philosophy & practice of assessment & evaluation in higher education, with particular emphasis on the student affairs arena. Examines the usefulness & appropriateness of various program evaluation methodologies (quantitative & qualitative), theories of evaluation practice and use, & theories of valuing in college student affairs. Explore these & other issues shaping contemporary evaluation practices.

8358 Professional Capstone Seminar (new). Designed to enhance student understanding of administrative leadership through examination of questions & issues related to the management of student affairs; to broaden student perspectives through discussion/debate with each other & including an experienced senior level administrator; to increase the degree to which student experiences, knowledge, & values are effectively integrated & to increase the degree to which students appreciate that the process of integration is continuous; &, to allow students to personally examine ideas, test assumptions, express opinions, & recognize the accountability associated with presentation.

MA in Higher Education: College Student Affairs

7351 Introduction to College Student Affairs (new). Intro to a) student personnel profession/student affairs profession, b) roles & functions of professional in the field, c) population serves. d) college & university settings where the profession is practiced, e) skills & competencies necessary to be a professional in the field, & f) awareness of current issued regarding students & student personnel in higher education.

7352 Student Development Theory (new). Introduce students to the theoretical framework that serves as a basis for the professional practice of student affairs in higher education. Framework encompasses a developmental orientation that emphasizes the value & importance of individual major theories of student development, the role of student developmental theoretical perspectives as a foundation for conceptualizing student affairs practice, & the application to the student affairs profession.

7354 Organization & Leadership in Student Affairs (new). Intended to serve as a capstone experience for the Master's track in Student Affairs. Aim to provide a forum for integration, synthesis, & application. Combines an emphasis in clarifying a vision of the possibilities of student development for students and for a campus with realities of professional administrative responsibilities. Examine new issues & concepts (e.g. legal issues, budget & finance) & is designed to integrate previous course work & practical experiences. The capstone opportunity culminates in the integrated design of a model student learning experience, a "Developmental College". Focus of all discussions will be on the application of substantive learning & the integration within the field of College Student Affairs.

7360 Practicum in College Student Affairs (new). Supervised professional experience in the various offices/agencies that comprise a total program of student personnel services within a post-secondary, college or university setting. Provides the opportunity to integrate course work with experience in a prearranged, structured setting in any number of student affairs/ student service offices/agencies. Students complete either

150 or 300 hours of experience under both faculty and on-site supervision.
7300 Higher Education in the US: An Overview (chg # from 8300)
All items from COE approved

CYBER:
ASCI Update Applied Science Master's & Doctoral Program Curricula: The documents approved 9/99 and 8/00 contained five emphasis areas within the Applied Science Dept: Applied Chemistry, Applied Physics, Engineering Science, Applied Computer Science, and Biotechnology. The proposed revision will divide the Applied Computer Science emphasis area into two areas: Applied Computing and Computational Science. This division will provide a broader base for graduate students who are interested in the aspects of using computer-based technology for their selected research.

ASCI 7199, 7299, 7399 Special Topics in Applied Science (chg title from ST in Engr. Science) Consolidating special topics for all options into a common course number
7298 Special Topics in Applied Biosciences (deletion) (see explanation above)
7145, 7245, 7345 Introduction to Research in Applied Sciences (new. First semester orientation course to allow new students in the Applied Science Doctoral Program to Work in a number of faculty research areas. Aid the student in the selection of his/her doctoral research director. Variable credit of one to three hours. (Library reviewed and said statement not needed for this lab course).
Tabled for revision of justification statement

7330 Powder and Particle Technology (new). Provides a comprehensive intro to the many concepts in the area of particulate/material science. Scope to include the fundamental aspects of particles, powder mechanics, design & analysis of processes for producing & processing of powders in a wide size range. Processes include: size reduction, enlargement, classification, mixing, transportation, deposition, and storage. Particular emphasis on the analysis & modeling of the dynamics of particles in these processes. Prerequisite to Particle Electrodynamics.
7331 Electrostatic Engineering Processes (new). Teaches fundamentals of electrostatic engineering processes. Intro to electrostatic processes & Properties of conducting & dielectric materials, electric field & potential analysis by solution of Laplace's equation, corona charging, tribocharging & induction charging, charge decay, volume & surface resistivities, electrostatic measurements & instrumentation, intro to surface state theories, surface charges, space charges, particle motion in known electric fields, conduction & electrical breakdown in air, discharging mechanisms, polarization effects & industrial applications such as electrostatics in gas filtration, electrostatic atomization, spray coating, separation, powder coating, electrophotography, & electrostatic hazards control.
7332 The Particle Electrodynamics (new). Focus on the fundamentals of the particle electrodynamics. Student will become familiar with the basics of the field, including modern theory & applications, intro to particle dynamics, drag coefficient, Stokes' Law, particle impaction & diffusion. Brownian motion of particles, electrical migration velocity, particle motion in acoustic & electric fields, particle deposition & separation dynamics, particle adhesion & bouncing, fluidization, & pneumatic transport of aerosols & powders, filtration, & flow properties. Course appropriate for graduate students & advanced undergraduates.
All items from CYBER College were approved with the exception of the one tabled.

4. Other Business: The Graduate Student Forum is to be Thursday April 19, 2001.

5. Dean's Report: 1) Graduate Academic Code was distributed to those on committee with Dr. Recken to review. 2) Provisional Admission Status will only be used for students who are awaiting a final transcript of the work just completed. 3) Clinton School & Public Policy to be presented at a later date. 4) Dean Hanson reported on his recent presentation at the annual meeting of North Central Association. Noted that about 90 people attended his presentation of our self-study. 5) Arkansas Graduate Dean's annual meeting will be April 16 & 17 at the Ozark Folk Center in Mountain View.

Adjourned at 4:03.

Next meeting will be on April 25. The last meeting of the year is scheduled for NOON on May 2. (light lunch to be served)