



Academic Notes

DECEMBER 5, 2005

AN 2005-2006

****SPECIAL NOTICES****

CALEB MILLS DISTINGUISHED TEACHING AWARD

Nominations for the 2006 Caleb Mills Distinguished Teaching Award are now being accepted at the Center for Teaching and Learning, Dreiser Hall 127. The award is one of Indiana State University's most prestigious, and a faculty committee is currently being formed to review nominees. The deadline for nominations is Friday, December 16, 2005.

The University Handbook restricts nominations for the Caleb Mills Award to tenured faculty who have taught a minimum of 16 semester hours or 24 contact hours at ISU over the previous calendar year. Nominations can be provided from administrators, faculty, students, and alumni and should be submitted electronically at the Center for Teaching and Learning webpage. Click on Programs, followed by Caleb Mills Award.

Thank you for your assistance in recognizing some of Indiana State University's most outstanding faculty.

FACULTY ATTENDANCE FORM FOR FALL COMMENCEMENT

All faculty are asked to go to the Academic Affairs Web site and fill out the Faculty Attendance form for Fall Commencement 2005, the form is located at the end of this document, and online at <http://web/acadnotes/commencement.htm>. After completing the attendance form, click on the submit button, and it will be sent directly to the Office of the Provost. Please complete the attendance form no later than **5 p.m., Wednesday, December 14, 2005**. If you have questions, please contact Donna Royse at x2307.

ACADEMIC NOTES PUBLICATION SCHEDULE FOR FALL 2005

Below is the circulation schedule for the electronic copy of *Academic Notes* through December 19, 2005. **All submissions for inclusion in *Academic Notes* are due in the Office of Academic Affairs no later than 10:00 a.m. on the Wednesday prior to the distribution of *Academic Notes* on the following Monday, along with an E-Mail or a diskette with the same information in Microsoft Word format. Failure to submit a diskette containing this information will delay publication.** *Academic Notes* is available using Acrobat Reader at <http://web.indstate.edu/acadnotes/> -.

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR FALL 2005

Deadline for Items

December 7
December 14

Issue Date

December 12
December 19

FACULTY GOVERNMENT

**INDIANA STATE UNIVERSITY
FACULTY SENATE
EXECUTIVE COMMITTEE**

The Executive Committee of the University Faculty Senate will meet at 3:15 p.m. on Tuesday, December 6, 2005, in Hulman Memorial Student Union 227.

Agenda

- I. Administrative Report
- II. Chair Report
- III. Fifteen Minute Open Discussion
- IV. Approval of the Minutes
- V. Old Business
- VI. New Business
- VII. Standing Committee Reports

FACULTY SENATE STANDING COMMITTEES

ADMINISTRATIVE AFFAIRS COMMITTEE

The Administrative Affairs Committee will meet at 1:00 pm Wednesday, December 7, 2005 in Stalker Hall, Room 319.

Agenda

- 1. Organization change
Office of HR transfer from President's Office to Business & Finance,
Robert Schafer, V. P. Administrative Affairs.
- 2. Minutes of November 2, 2005.
- 3. Chairs Report on Information for Charges.
- 4. EMG follow-up on the ISU Branding Campaign – Teresa Exline, Assistant

FACULTY AFFAIRS COMMITTEE

The Faculty Affairs Committee will meet at 3:00 p.m. on December 7, 2005 in the College of Education, 11th floor conference room.

Agenda

1. Approval of FAC Minutes #6 (November 2)
2. FAC Program Prioritization report (Action item)
3. Faculty Award for Community-Based Learning and Scholarship

4. New Charge: Special Purpose and Part-Time Temporary Faculty Policies
5. Subcommittees update:
 - Faculty Advising Workload Committee
 - On-line Course Evaluation Committee
 - Handbook Reappointment Committee
 - Faculty Enrollment in Courses at ISU Committee
 - Faculty Grievance Committee
6. Chair's Report
7. Provost Liaison's Report
8. Executive Committee Liaison's Report
9. New Items

THESES, DISSERTATIONS, & RESEARCH PROJECTS

COLLEGE OF EDUCATION: Counseling

Scott Green will defend his dissertation, entitled *Computer Mediated Communication in Society: A Study on Self-disclosure*, at 12:00 p.m. on Monday, December 5, 2005, in the College of Education, 11th floor conference room 2. The members of his committee are Dr. William Barratt, chairperson, Dr. P.G. Aaron, and Dr. Matthew Draper.

COLLEGE OF EDUCATION: Educational Leadership, Administration, and Foundations

Laura Butler will defend her dissertation, entitled *The Nontraditional Presidential Transition: A Case Study of an Academic Outsider*, at 2:30 p.m. on Friday, December 16, 2005, in the College of Education, room 1214. The members of her committee are Dr. John Moore, chairperson, Dr. Kandace Hinton, and Dr. Ty Handy.

CURRICULUM

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UNDERGRADUATE PROPOSALS

NEW COURSE

COLLEGE OF TECHNOLOGY: Aerospace Technology

AST 366 **Seaplane Flying**--2 hours. Principles and theories of seaplane/floatplane flying including ground and flight instruction leading to FAA seaplane rating which is required for course completion. Prerequisites: Private Pilot and 100 hours flight time and consent of instructor.

Preferred Effective Term: Summer I 2006

COLLEGE OF TECHNOLOGY: Industrial and Mechanical Technology

IMT 239 **Automotive Chassis**--3 hours. Theory and laboratory experience involving investigation, testing, and service of modern suspension, steering, and braking systems. Prerequisites: IMT 136 or ECT 160

Preferred Effective Term: Spring 2006

IMT 440 Fixed Operations Management--3 hours. Management principles, personnel management, and financial operations management of automotive service facilities. Prerequisites: IMT 433

Preferred Effective Term: Spring 2006

COURSE REVISIONS

COLLEGE OF HEALTH AND HUMAN PERFORMANCE: Health, Safety, and Environmental Health Sciences

HLTH 315 Industrial Hygiene I--3 hours. An introduction to the qualitative and quantitative study of occupational health. Emphasis is placed upon the basic concepts of recognition, evaluation, and control of physical, chemical, and biological health hazards arising in or from the occupational environment. Prerequisites: Chemistry 103, 103L or 105, 105L, or by consent of instructor.

Change prerequisites to:

HLTH 315 Industrial Hygiene I--3 hours. An introduction to the qualitative and quantitative study of occupational health. Emphasis is placed upon the basic concepts of recognition, evaluation, and control of physical, chemical, and biological health hazards arising in or from the occupational environment. Prerequisites: Chemistry 103, 103L or 105, 105L, Physics 105, 105L, and Mathematics 115, or by consent of instructor.

Preferred Effective Term: Fall 2006

HLTH 335 Industrial Hygiene II--3 hours. An advanced continuation of Industrial Hygiene I concentrating in depth on specific areas of occupational health. Topics will include air pollution and control, noise pollution and control, and personal protective equipment. Prerequisites: 315 and 315L.

Change prerequisites to:

HLTH 335 Industrial Hygiene II--3 hours. An advanced continuation of Industrial Hygiene I concentrating in depth on specific areas of occupational health. Topics will include air pollution and control, noise pollution and control, and personal protective equipment. Prerequisites: 315 and 315L, or consent of instructor.

Preferred Effective Term: Spring 2006

COLLEGE OF TECHNOLOGY: Aerospace Technology

AST 351(A-C, E-Z) Cooperative Industrial Practice--3 hours. Coordinated work experience in industry and a comprehensive written report of the experience. Prerequisite: participation in Professional Practice Programs.

Change description, title, and number to:

AST 351 Internship/Cooperative Practice--3 hours. Coordinated work experience in industry and a comprehensive written report of the experience. Students are required to involve the ISU Career Center in this experience. Course may be taken twice for a maximum of 6 hours.

Preferred Effective Term: Summer I 2006

COLLEGE OF TECHNOLOGY: Industrial and Mechanical Technology

IMT 233 Basic Automotive Service and Testing--3 hours. Fundamental laboratory experience involving investigation, testing, and service of modern mobile units.

Change title and description to:

IMT 233 Engine Systems and Controls--3 hours. Theory and diagnosis of automotive engine control systems covering fuel delivery, ignition, and emissions. Includes use of electronic diagnostic equipment. Prerequisites: IMT 132 and either IMT 136 or ECT 160.

Preferred Effective Term: Summer I 2006

IMT 335 Electronic Diagnosis--3 hours. Diagnosis of automotive electrical and fuel systems. Use of electronic diagnostic equipment. Prerequisite: 233 or 334.

Change title, description, and prerequisites to:

IMT 335 Body Control Systems--3 hours. Investigation of modern automotive body related computer systems and controls including vehicle networking protocols. Prerequisite: IMT 136 or ECT 160, and IMT 233, or consent of the instructor

Preferred Effective Term: Summer I 2006

IMT 336 Automotive Materials and Related Products--3 hours. Application and analysis of automotive materials and related products. Laboratory experiences include application and testing of finishes, fuels, lubricants, coolants, adhesives, and fasteners.

Change title and description to:

IMT 336 Engine Fuels and Lubricants--3 hours. Application and analysis of automotive fuels and lubricants with emphasis on testing in accordance with industry standards practices. Laboratory experiences include testing of fuels, oils, and greases. Alternative fuels and their potential environmental impacts will also be explored.

Preferred Effective Term: Summer I 2006

***IMT 435 Contemporary Engines**--3 hours. Advanced engine design and theory. Dynamometer testing, wear analysis, and study of reconditioning processes are included in the course. Prerequisite: 132 and 233

Change title to:

***IMT 435 Engine Thermodynamics**--3 hours. Advanced engine design and theory. Dynamometer testing, wear analysis, and study of reconditioning processes are included in the course. Prerequisite: 132 and 233

Preferred Effective Term: Spring 2006

COURSE BANKING

COLLEGE OF TECHNOLOGY: Industrial and Mechanical Technology

IMT 337 Thermo Systems--3 hours. Covers thermo properties of solids, liquids, and gases; power cycles; refrigeration; and basic heat transfer.

Preferred Effective Term: Summer I 2006

IMT 434 **Allied Systems**--3 hours. Systems as applied to automotive suspension, control, and environment. Prerequisite: 233 or 334.

Preferred Effective Term: Fall 2006

GRADUATE PROPOSAL

PROGRAM REVISION

**COLLEGE OF EDUCATION
EDUCATIONAL LEADERSHIP, ADMINISTRATION, AND FOUNDATIONS
MA/MS STUDENT AFFAIRS AND HIGHER EDUCATION**

Summary:

This proposal revises the catalog description for the Student Affairs and Higher Education thesis option course to reflect the program's move from the Department of Counseling to the Department of Educational Leadership, Administration, and Foundations. A separate course proposal has been submitted to reactivate the ELAF 699 Master's Thesis course number. The catalog description needs to be changed to remove the Counseling 699 option.

Rationale:

During the 2004-2005 academic year, the Student Affairs and Higher Education program relocated from the Department of Counseling to the Department of Educational Leadership, Administration, and Foundations. The designated course for students seeking the thesis option for the program was inadvertently omitted from that program proposal. With the change from Counseling to ELAF, the master's thesis course should be administered through ELAF. Therefore, we propose to change the language in the catalog to reflect the new departmental alignment, removing reference to COUN 699 and adding ELAF 699.

Current catalog copy:

Department of Educational Leadership, Administration, and Foundations

GRADUATE DEGREES OFFERED:

Master of Education-School Administration and Supervision

Master of Science-Student Affairs and Higher Education

Post-Master's, Non-Degree Principal Licensing Program

Non-Degree License Program, Director or Exceptional Needs

Educational Specialist-School Administration

Graduate Proposal: Student Affairs and Higher Education – continued.

Master or Science--Student Affairs and Higher Education (39 semester hours minimum)

The master's degree program in Student Affairs Administration is designed to provide professional training for entry positions in the student affairs field at university, college, and two-year post-secondary levels. Focus areas or performance include residence halls, student development, management, admissions, financial aid, student activities, student health promotion, career development, non-traditional student populations, and other areas. A corollary purpose is to provide a foundation for advanced work in this field and the closely related fields of counseling, guidance, and higher education. The program is offered on-campus and as distance education, although SAHE 533, COUN 615, and SAHE 641 or their equivalent must be taken in a traditional classroom.

Admission Requirements

Each applicant must satisfy the general criteria for admission to the School of Graduate Studies and each of the following requirements:

1. Have at least 12 semester hours in the behavioral sciences at the undergraduate level (e.g., psychology, sociology, and anthropology).
2. Have an overall undergraduate grade point average near or above 2.75 on a 4.00 point scale. For students with a GPA near or below 2.75 on a 4.00 point scale GPA, special attention is given to their total 60 credit hours.
3. Have scores on the General Tests of the GRE, or Miller Analogies Test (MAT). While the GRE and MAT standardized scores are used in conjunction with other admissions criteria, typically scores near or above 450 on the GRE, and MAT scores near or above 45 receive a more favorable review.
4. Have an approved Assistantship or work full time in an approved area of Student Affairs and Higher Education. Exceptions may be made on a case by case basis.

Degree Requirements:

Research: SAHE 651 or COUN 712--3 hrs.

Student Affairs and Higher Education: COUN 615--3 hrs.; COUN 635--3 hrs.; SAHE637--3 hrs.; SAHE 638..3 hrs.; SAHE 640--3 hrs.; SAHE 641--3 hrs.; SAHE 650--3 hrs.; SAHE 680--3 hrs.

Practicum and Internship Experiences: SAHE 533--3 hrs.; SAHE 634--9 hrs.;

Proposed Catalog Copy:

GRADUATE DEGREES OFFERED:

Master of Education-School Administration and Supervision

Master of Science or Master of Arts-Student Affairs and Higher Education Post-Master's, Non-Degree

Principal Licensing Program

Non-Degree License Program, Director of Exceptional Needs

Educational Specialist-School Administration

Master of Science--Student Affairs and Higher Education (39 semester hours minimum)

The master's degree program in Student Affairs and Higher Education is designed to provide professional training for entry positions in the student affairs field at university, college, and two- *Graduate Proposal: Student Affairs and Higher Education – continued.*

year post-secondary levels. Focus areas or performance include residence halls, student development, management, admissions, financial aid, student activities, student health promotion, career development, non-traditional student populations, and other areas. A corollary purpose is to provide a foundation for advanced work in this field and the closely related fields of counseling, guidance, and higher education. The program is offered on-campus and as distance education, although SAHE 533, COUN 615, and SAHE 641 or their equivalent must be taken in a traditional classroom.

Admission Requirements

Each applicant must satisfy the general criteria for admission to the School of Graduate Studies and each of the following requirements:

1. Have at least 12 semester hours in the behavioral sciences at the undergraduate level (e.g., psychology, sociology, and anthropology).
2. Have an overall undergraduate grade point average near or above 2.75 on a 4.00 point scale. For students with a GPA near or below 2.75 on a 4.00 point scale GPA, special attention is given to their final 60 credit hours.
3. Have scores on the General Tests of the GRE, or Miller Analogies Test (MAT). While the GRE and MAT standardized scores are used in conjunction with other admissions criteria, typically scores near or above 450 on the GRE, and MAT scores near or above 45 receive a more favorable review.
4. Have an approved Assistantship or work full time in an approved area of Student Affairs and Higher Education. Exceptions may be made on a case by case basis.

Degree Requirements:

Research: SAHE 651 or COUN 712--3 hrs.

Student Affairs and Higher Education: COUN 615--3 hrs.; COUN 635..3 hrs.; SAHE 637--3 hrs.; SAHE 638--3 hrs.; SAHE 640--3 hrs.; SAHE 641--3 hrs.; SAHE 650--3 hrs.; SAHE 680--3 hrs.

Practicum and Internship Experiences: SAHE 533--3 hrs.; SAHE 634--9 hrs.;

Thesis (for M.A. option): ELAF 699--6 hrs.

Preferred Effective Term: Spring 2006

UNDERGRADUATE APPROVAL

PROGRAM REVISION

**COLLEGE OF ARTS AND SCIENCES
MATHEMATICS AND COMPUTER SCIENCE
B.A./B.S. MATH EDUCATION MAJOR AND MINOR**

Executive Summary or Abstract:

The Department of Mathematics and Computer Science is proposing changes in the Mathematics Education Program so that the program better prepares students for teaching secondary
UNDERGRADUATE APPROVAL: B.A./B.S. Math Education – Continued.

mathematics in the current climate of Standards and Accountability. The changes include the elimination of MA 112 and CS 151 (or 256) as requirements for the major and minor, increasing the credit hours for MA 122 from 3 to 4, the inclusion of MA 380 as a requirement for the major, inclusion of both MA 411 and MA 413 as required for the major, and the modification of MA 492 as a general education capstone course required by the major. Eliminate MA 414 as an option.

Rationale:

Delete CS 151 Introduction to Computer Science (or CS256): This course is not required for mathematics majors and mathematics education students are better served by taking an additional upper level mathematics course. This will allow greater alignment of the two majors and better prepares them for teaching secondary mathematics education. Students learn technology application now in numerous other arenas, including the Information Technology Literacy requirement and technology-related courses in the professional education sequence.

Delete MA 112 Trigonometry and increase MA 122 to 4 hours: MA 112 is too elementary for the majority of incoming mathematics education students. By adding an additional hour to MA 122, the trigonometry can be reviewed at a higher level and integrated with topics in analytic geometry. The rare student who does not have a pre-calculus background in high school will be required to prepare themselves for calculus by taking MA 112 or MA 115.

Add MA 380 Introduction to Abstract Mathematics requirement: This course is required of mathematics majors and is a prerequisite for many upper level mathematics courses. The course contains valuable content that is needed by secondary teachers. For students to be able to teach to the Indiana Academic Standards, they need to understand proof reading and writing, a key goal of this course.

Require both MA 411, Theory of Numbers and MA 413, Linear Algebra I: Currently, students are required to take one of these two courses, although many choose to take both and count the other as one of their mathematics electives. MA 413 is required of mathematics majors so the inclusion of this requirement would make it easier for students to double major. Also, mathematics education students need the content in both of these courses to have the content they need to teach to the Indiana Academic Standards. MA 414 is no longer offered regularly enough to be an option.

The main impetus for these changes is so that we ensure that our students meet the Indiana Professional Standards Board Standards for secondary Mathematics Teachers. Dr. Elizabeth Brown met with a local high school mathematics teacher at the request of the Department of Curriculum, Instruction, and Media Technology two years ago to review our curriculum at ISU and to see if we were adequately preparing our majors to teach the curriculum required by the state of Indiana. We noticed some

weaknesses which these changes will address. An added benefit to these changes is that they will allow students to easily switch between a mathematics major and a mathematics education major.

New Catalog Copy:

Mathematics Teaching Major (40-43 semester hours)

This major may be added to the Senior High-Junior High/Middle School Instructional License; its coverage is grades 5-12.

UNDERGRADUATE APPROVAL: B.A./B.S. Math Education – Continued.

Required Mathematics: 122--4 hrs.; 131--4 hrs.; 132--4 hrs.; 231--4 hrs.; 323--3 hrs.; 341--3 hrs.; 380--3 hrs.; 411--3 hrs.; 412--3 hrs.; 413--3 hrs.

Elective Mathematics: 6 hours from upper-division courses from mathematics and/or computer science.

Required General Education Capstone: Mathematics 492--3 hrs.

Required Professional Education: Mathematics 388--2 hrs., 391--2 hrs., and 402--1 hr. are required in the Senior High-Junior High/Middle School Professional Education sequence described in the Department of Curriculum, Instruction, and Media Technology.

Mathematics Teaching Minor (25 semester hours)

This minor, added to the Senior High-Junior High/Middle School or All Grade Instructional License, will provide coverage in grades 5-12.

Required Mathematics: 122--4 hrs.; 131--4 hrs.; 132--4 hrs.; 231--4 hrs.; 323--3 hrs.; 341--3 hrs.; 412--3 hrs.

Preferred Effective Term: Fall 2006

GRADUATE APPROVALS

COURSE REACTIVATION

COLLEGE OF EDUCATION: Educational Leadership, Administration, and Foundations

ELAF 699 Master's Thesis--6 hours. By arrangement with the chairperson of the student's thesis committee.

Preferred Effective Term: Spring 2006

CORRECTION

The following curriculum approval was published November 22, 2005. FCS 217 was left out of the new copy. It should be included in the new catalog copy.

**COLLEGE OF ARTS AND SCIENCES
FAMILY AND CONSUMER SCIENCES
TEXTILES, APPAREL, AND MERCHANDISING MINOR**

Current Catalog Copy:

**Textiles, Apparel, and Merchandising Minor
(24 semester hours minimum)**

Required courses: Textiles, Apparel, and Merchandising: 111 or 211--3 hrs.; 212--3 hrs.; 214--3 hrs.; 216--3 hrs.; 217--3 hrs.; 314--3 hrs.; 316--3 hrs.; 419--3 hrs.

New Catalog Copy:

Textiles, Apparel, and Merchandising Minor (24 semester hours)

Required Courses: Family and Consumer Sciences 111 or 211—3 hrs.; 212—3 hrs.; 214—3 hrs., 216—3 hrs.; [217--3 hrs.]; 314—3 hrs.

Directed Electives: Textiles, Apparel, and Merchandising--6 hrs. as approved by the Textiles, Apparel, and Merchandising area.

Preferred Effective Term: Spring 2005

FACULTY ACADEMIC ATTENDANCE FORM

1. Please provide the following information concerning your plans for the Commencement so that, if attending, you can be included in the lineup.

Attendance Form

Check one:

I shall participate in Commencement _____

I shall NOT participate in Commencement _____

Check one:

I have my own academic apparel _____

I have placed my order for rental of academic apparel from the ISU Bookstore (see form below) _____

Name: _____

Rank: _____

Year(s) Of Service at ISU: _____

Please send form to:

Office of the Provost and Vice President for Academic Affairs by December 14, 2005

Parsons Hall, Room 208

(812) 237-2304

FAX: (812) 237-3607