



Academic Notes

JUNE 27, 2005

AN 2004-2005

****SPECIAL NOTICES****

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR SUMMER 2005**

Below is the circulation schedule for the electronic copy of *Academic Notes* through August 22, 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^a 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 SPRING 2005**

<u>Deadline for Items</u>	<u>Issue Date</u>
July 6	July 11
July 20	July 25
August 3	August 8
August 17	August 22

¹ Due to holidays, the dates for submission and publication have been moved up or back a day.

THESES, DISSERTATIONS, & RESEARCH PROJECTS

COLLEGE OF EDUCATION: Curriculum, Instruction, and Media Technology

Cheryl Anne Dugas will defend her dissertation, entitled *Adopter Characteristics and Teaching Styles of Faculty Adopters and Nonadopters of a Course Management System*, at 11:00 a.m. on Saturday, July 2, 2005 in the College of Education, Room 1014. The members of her committee are Dr. David A. Gilman, chairperson, Dr. H. Scott Davis, and Dr. Gloria Martin Rogers.

COLLEGE OF EDUCATION: Educational Leadership, Administration, and Foundations

Michael Scott Syverson will defend his dissertation, entitled *The Relationship Between Indiana High School Building Conditions and ISTEP Math/English Scores in Indiana High Schools*, at 10:00 a.m. on Tuesday, July 5, 2005 in the College of Education, Room 1203. The members of his committee are Dr. Robert Boyd, chairperson, Dr. Gregory Ulm, and Dr. Noble Corey.

COLLEGE OF EDUCATION: Educational Leadership, Administration, and Foundations

Robert Pychinka will defend his dissertation, entitled *A qualitative Study of the Impact of Textbook Assistance to Eligible Students at Selected Indiana Schools*, at 12:00 p.m. on Wednesday, July 6, 2005 in the College of Education, Room 1203. The members of his committee are Dr. Robert Boyd, chairperson, Dr. Gregory Ulm, and Dr. Noble Corey.

PROGRAM ARTICULATION AGREEMENTS

Program articulations agreements between Indiana State University and our two-year partner institutions allow students to complete a specific associate degree program at another institution and receive credit toward a specific bachelor's degree program at Indiana State University. Each agreement details the transfer courses accepted for credit at ISU, the courses needed to complete the bachelor's degree, and any other requirements or guidelines that apply. The following agreements have recently been approved:

Vincennes University
AS Business Administration to BS Management
Final 6/15/2005

AS Business Administration to BS Management Information Systems
Final 6/15/2005

AS Business Administration to BS Accounting
Final 6/15/2005

AS Business Administration to BS Marketing
Final 6/15/2005

CURRICULUM

INDEX

Item	Page #
Undergraduate Proposals	
<i>New Course</i>	
Aerospace Technology 214.....	3
<i>Course Revisions</i>	
Nursing 328.....	3
Electronics and Computer Technology 221.....	4
<i>Program Revision</i>	
Computer Hardware Technology Minor.....	4
Graduate Approvals	
<i>Program Revision</i>	
Ph.D. Degree Program in Curriculum and Instruction.....	6
Program Summary 2004-2005.....	10

UNDERGRADUATE PROPOSALS

NEW COURSE

COLLEGE OF TECHNOLOGY: Aerospace Technology

AST 214 **Aircraft Maintenance for Pilots**--3 hours. An introduction to the pilot's responsibilities regarding aircraft maintenance and inspections in addition to training on pilot-performed maintenance procedures allowed by Federal regulations. Class involves significant experiential learning in areas such as safety wire techniques, nonstructural sheet metal repair, composite repair, hydraulic servicing, painting, battery servicing, etc. Prerequisites: Private pilot certificate and 211 or consent of instructor.

Preferred Effective Term: Spring 2006

COURSE REVISION

COLLEGE OF NURSING: Nursing

NURS 328 **Nursing Care of the Child and Family**--4 hours. Critical thinking and clinical judgment are used to assist children and their families in the promotion and maintenance of health and the prevention of and/or recovery from illness in hospital and community settings. Three classroom hours per week and an average of three clinical hours per week. Prerequisites: 224, 228.

Change Prerequisites to:

NURS 328 **Nursing Care of the Child and Family**--4 hours. Critical thinking and clinical judgment are used to assist children and their families in the promotion and maintenance of health and the prevention of and/or recovery from illness in hospital and community settings. Three classroom hours per week and an average of three clinical hours per week. Prerequisites: 224; 228; Family and Consumer Sciences 103; Psychology 266 or Educational

Psychology 221

Preferred Effective Term: Spring 2006

UNDERGRADUATE PROPOSALS: Continued.

COLLEGE OF TECHNOLOGY: Electronics and Computer Technology

ECT 221 Circuit Analysis I--3 hours. Resistive D.C. circuit analysis. General methods of analysis covering: branch currents, nodal voltages, and mesh currents. Network theorems comprising superposition; Norton's, Thevenin's, Millman's reciprocity; and maximum power transfer in addition to delta to/from wye transformations. Prerequisites: Math 115 or equivalent, and 165 or 271. (May be taken concurrently with 220.)

Change prerequisites to:

ECT 221 Circuit Analysis I--3 hours. Resistive D.C. circuit analysis. General methods of analysis covering: branch currents, nodal voltages, and mesh currents. Network theorems comprising superposition; Norton's, Thevenin's, Millman's reciprocity; and maximum power transfer in addition to delta to/from wye transformations. Prerequisites: Math 115 or equivalent, and 165. (May be taken concurrently with 220.)

Preferred Effective Term: Spring 2006

PROGRAM REVISION

COLLEGE OF TECHNOLOGY ELECTRONICS AND COMPUTER TECHNOLOGY COMPUTER HARDWARE TECHNOLOGY MINOR

Current Catalog Copy:

Computer Hardware Technology Minor (24 semester hours)

Required courses:

Electronics and Computer Technology (12 hours): 231-3 hrs.; †232-3 hrs.; †331--3 hrs.; †ECT334-3 hrs.

Industrial and Mechanical Technology (3 hours): †403-3 hrs.

Computer Science (3 hours): 256-3 hrs. (or any structured language)

Direct Electives (6 hours): Select from the following: Electronics and Computer Technology †281--3 hrs.; †335-3 hrs.; †435-3 hrs.; Industrial and Mechanical Technology †329-3 hrs.; Manufacturing and Construction Technology †370-3 hrs.; Computer Science-3 hrs. from a second structured computer language course.

†Denotes a course having a laboratory component requiring additional contact hours.

Students choosing this minor should have in mind complementing their major areas of preparation with hands-on computer applications in industrial or applied research environments which are subject to interfacing applications for process control and instrumentation. There are no prerequisites for entering the

minor, but the student should be interested in learning the internal and related aspects of control computers, especially minicomputers and microcomputers.

UNDERGRADUATE PROPOSALS: Computer Hardware Technology Minor – Continued.

New Catalog Copy:

Computer Hardware Technology Minor (24 semester hours)

Required courses:

Electronics and Computer Technology (12 hours): 231-3 hrs.; †232-3 hrs.; †331-3 hrs.; †ECT 334-3 hrs.

Industrial and Mechanical Technology (3 hours): 299-3 hrs.

Computer Science (3 hours): 256-3 hrs. (or any structured language)

Direct Electives (6 hours): Select from the following: Electronics and Computer Technology †281--3 hrs.; †335-3 hrs.; †435-3 hrs.; Industrial and Mechanical Technology †329-3 hrs.; Manufacturing and Construction Technology †370-3 hrs.; Computer Science--3 hrs. from a second structured computer language course.

† Denotes a course having a laboratory component requiring additional contact hours.

Students choosing this minor should have in mind complementing their major areas of preparation with hands-on computer applications in industrial or applied research environments which are subject to interfacing applications for process control and instrumentation. There are no prerequisites for entering the minor, but the student should be interested in learning the internal and related aspects of control computers, especially minicomputers and microcomputers.

Preferred Effective Term: Spring 2006

GRADUATE APPROVALS

PROGRAM REVISION

COLLEGE OF EDUCATION

CURRICULUM, INSTRUCTION, AND MEDIA TECHNOLOGY

Ph.D. Degree Program in Curriculum and Instruction

Executive Summary:

One change is requested in the Ph.D. in Curriculum and Instruction degree, add Special Education as a specialization.

Rationale:

The Ph.D. Degree in Curriculum and Instruction meets the department's mission statement #2 which reads: "Provide superior professional programs for the preparation of educators and the future professoriate..." These proposed changes align with the mission statement in the following ways.

1. Adding the specialization in Special Education provides educational opportunities for those who want the opportunity to become a professor of special education. Currently, there is a significant shortage of special education educators in the U.S. Adding this specialization will help to alleviate this shortage. Faculty representatives from the Early, Elementary, and Special Education Department met with faculty from the Curriculum, Instruction, and Media Technology Department to explain the need for this specialization. The vote represents overwhelming support for adding the specialization to the Ph.D. Vote: 7-0-0 October 20, 2004.

Assessment: This specialization strengthens the overall program by adding an area that is in national need. By attracting strong students to the program to utilize their understanding of special education and its application within teacher education, the program area assessments in curriculum and instruction will have an additional population of students to include. Broadening the student population base, will enable faculty in the program to add the data generated by these students to enhance the overall quality of the Ph.D. in Curriculum and Instruction. Output measures in curriculum and instruction will potentially have a population of students with an extensive background in special education and a limited background in curriculum and instruction. Such a population will be provide data to the assessments relative to value added measures in the areas of special education.

Current Catalog Copy

Ph.D. Degree Program in Curriculum and Instruction (72 semester hours minimum)

The program leading to the Doctor of Philosophy degree in Curriculum and Instruction is designed to prepare students for positions of educational leadership and research in public schools, colleges and universities, and governmental agencies. The program requires the student to successfully complete a **minimum** of 72 hours of graduate work beyond the bachelor's degree and to write and defend a doctoral dissertation as prescribed in the regulations of the School of Graduate Studies. The areas of specialization

are secondary education, elementary education, early childhood education, English education, history education, industrial technology education, media technology, language education, and teaching and learning.
GRADUATE PROPOSALS: Ph.D. Degree Program in Curriculum and Instruction - continued

Admission to Programs

A student must satisfy all general regulations of the School of Education and the School of Graduate Studies as stated elsewhere in this *Catalog*. An additional admission criterion for the Ph.D. in Curriculum and Instruction requires the applicant to have a grade point average of 3.50 or above on all graduate work attempted.

It must not be assumed that meeting minimal standards guarantees admission to the program. The admissions committee must have the following before an admission decision will be made:

1. Completed application form.
2. Letters of recommendation from at least five persons who know the prospective student in a personal, and/or academic, and/or professional capacity.
3. **One** official transcript from each school at which any undergraduate or graduate work has been done.
4. Scores on Graduate Record Examinations General Tests.

In most cases the admissions committee may require the applicant to appear for a personal interview and to present evidence of his or her ability to write acceptable prose under controlled conditions.

Admission to Candidacy

Students may apply for admission to candidacy after any provisions or conditions that may have been attached to admission to the program have been removed. Additionally, all the standards of the School of Graduate Studies must be met. Refer to that section of this *Catalog* for details.

Dissertation

An acceptable dissertation on a topic or problem relating to the student's area of specialization is required for completion of degree requirements.

Degree Requirements

A. Foundational Studies (9 hours)

To develop competencies through understanding of contributions from philosophical, sociological, historical, and psychological foundations of education.

B. Inquiry Studies (12 to 15 hours)

To develop competency in statistics, measurement, and research in education.

C. Core Area--Curriculum and Instruction (15 to 27 hours)

To provide the knowledge and understanding essential to every specialist in curriculum, instruction, and supervision.

GRADUATE PROPOSALS: Ph.D. Degree Program in Curriculum and Instruction - continued

D. Area of Specialization (21 to 30 hours)

To enable the student to develop either (a) further specialization in curriculum, instruction, or supervision, or (b) a specialized program emphasizing secondary education, business education, elementary education, early childhood education, English, history, industrial technology education, media technology, language education, teaching and learning, or any other approved area.

E. Related Studies (0-15 hours)

Courses from content areas may be selected to enhance special competencies in the area of specialization.

Independent study, field experiences, and internship assignments are utilized in this program as a means for achieving thorough preparation and competence. The final program for each student is cooperatively developed by the student, the advisor, and the committee.

New Catalog Copy

Ph.D. Degree Program in Curriculum and Instruction (72 semester hours minimum)

The program leading to the doctor of philosophy degree in curriculum and instruction is designed to prepare students for positions of educational leadership and research in public schools, colleges and universities, and governmental agencies. The program requires the student to successfully complete a minimum of 72 hours of graduate work beyond the bachelor's degree and to write and defend a doctoral dissertation as prescribed in the regulations of the School of Graduate Studies. The areas of specialization are secondary education, elementary education, early childhood education, English education, history education, industrial technology education, educational technology*, math education*, language education, teaching and learning, and special education.

* approved 2003-2004

Under the area: Degree Requirements

D. Area of Specialization (21 to 30 hours)

To enable the student to develop either (a) further specialization in curriculum, instruction, or supervision, or (b) a specialized program emphasizing secondary education, business education, elementary education, early childhood education, English, history, industrial technology education, educational technology*, math education*, language education, teaching and learning, special education** or any other approved area.

*approved 2003-2004

**The specialization in special education requires 24 graduate hours in field of special education. Students will take 12 hours from;

SPED 690 Directed Study in Special Education

SPED 695 Research in Special Education

SPED 698 Advanced Topics in Special Education

GRADUATE PROPOSALS: Ph.D. Degree Program in Curriculum and Instruction - continued

SPED 685 Grant Development and Program Evaluation

SPED 790 Individual Research and Study

and 12 hours in graduate courses as directed by the Committee to complete additional prerequisite coursework.

E. Related Studies (0-15 hours)

Courses from content areas may be selected to enhance special competencies in the area of specialization.

Independent study, field experiences, and internship assignments are utilized in this program as a means for achieving thorough preparation and competence. The final program for each student is cooperatively developed by the student, the advisor, and the doctoral committee.

Preferred Effective Term: Fall 2005

**NEW, BANKED, SUSPENDED, REVISED & ELIMINATED PROGRAMS 2004-05
ACADEMIC YEAR**

Action	Academic Notes Approval Date
Elimination Undergrad Program	<u>August 9, 2004</u> College of Nursing: Associate Degree Nursing Program
Program Revision Undergrad	<u>October 4, 2004</u> College of Technology: Mechanical Design Technology changed to Mechanical Engineering Technology
Program Revision Undergrad	<u>October 18, 2004</u> College of Arts and Sciences: Chemistry – B.S. Degree in Chemistry with Business Emphasis
Program Revision Undergrad	<u>October 18, 2004</u> College of Arts and Sciences: B.A./B.S. Social Studies Education
Program Revision Undergrad	<u>October 18, 2004</u> College of Health and Human Performance: Athletic Training – B.S. Athletic Training
Program Suspension Undergrad	<u>October 18, 2004</u> College of Education: Communication Disorders – A.S. Speech-Language Pathology Assistant
Program Revision Undergrad	<u>October 25, 2004</u> College of Health and Human Performance: Athletic Training – B.S. Athletic Training
Program Revision Undergrad	<u>November 1, 2004</u> College of Nursing: B.S. Nursing (completion)
Program Revision Undergrad	<u>November 15, 2004</u> College of Arts and Sciences: Family and Consumer Sciences Education
Program Suspension Undergrad	<u>November 15, 2004</u> College of Arts and Sciences: Family and Consumer Sciences Education – Option A: Family and Consumer Sciences Education
Program Suspension Undergrad	<u>November 15, 2004</u> College of Arts and Sciences: Family and Consumer Sciences – Food and Nutrition – Option C: Food and Nutrition
Program Suspension Undergrad	<u>November 15, 2004</u> College of Arts and Sciences: Family and Consumer Sciences – Interior Design Minor
Program Suspension Undergrad	<u>November 15, 2004</u> College of Arts and Sciences: Family and Consumer Sciences – Interior Design – Option B: Facility Management

Program Suspension Undergrad	<u>November 15, 2004</u> College of Arts and Sciences: Family and Consumer Sciences – Interior Design – Option C: Interior Merchandising
Program Revision Grad Program	<u>November 15, 2004</u> College of Arts and Sciences: History – M.A., M.S., and M.A. in History with Specialization in the History of Labor and Reform Movements
Program Revision Grad Program	<u>November 15, 2004</u> College of Business: Analytical – Master of Business Administration
Program Revision Grad Program	<u>November 15, 2004</u> College of Education: Counseling – Counseling Psychology with Specialization in Mental Health change to Mental Health Counseling
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Family and Consumer Sciences General Major
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Family and Consumer Sciences General Minor
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Child Development and Family Life Major
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Child Development and Family Life Minor
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Food and Nutrition Option A: Dietetics
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Food and Nutrition Option B: Food Service Management
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Interior Design Major
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Textiles, Apparel, and Merchandising Major
Program Revisions Undergrad Program	<u>November 22, 2004</u> College of Arts and Sciences – Family and Consumer Sciences – Textiles, Apparel, and Merchandising Minor

Program Revision Undergrad	<u>December 13, 2004</u> College of Education: Elementary and Early Childhood Education – Junior High/Middle School License
Program Revision Undergrad	<u>December 13, 2004</u> College of Nursing: B.S. Nursing (Completion)
Program Revision Undergrad	<u>December 13, 2004</u> College of Nursing: B.S. Nursing
Program Revision Undergrad	<u>December 20, 2004</u> College of Education: Elementary, Early, and Special Education – B.A./B.S. Elementary Education
Department Division	<u>January 18, 2005</u> Department of Life Sciences Division
Program Revision Undergrad	<u>January 31, 2005</u> College of Health and Human Performance – Community Health Minor
Program Revision Undergrad	<u>January 31, 2005</u> College of Health and Human Performance – Exercise Science Major
Program Revision Undergrad	<u>January 31, 2005</u> College of Health and Human Performance – Strength and Conditioning Minor
Program Revision Undergrad	<u>January 31, 2005</u> College of Health and Human Performance – Dance Minor
Program Revision Graduate	<u>January 31, 2005</u> College of Nursing – Master of Nursing, Nursing Administration
Program Revision Undergrad	<u>February 28, 2005</u> Philosophy – Create REL Prefix for Religion
Program Revision Undergrad	<u>February 28, 2005</u> African and African American Studies – Major and Minor revision
Program Revision Undergrad	<u>February 28, 2005</u> Liberal Studies – A.A. Liberal Studies
Program Revision Undergrad/Grad	<u>March 14, 2005</u> College of Health and Human Performance – Driver Education Licensure
Program Revision Graduate	<u>March 14, 2005</u> College of Arts and Sciences – M.A. Geography
Program Revision Graduate	<u>March 14, 2005</u> College of Arts and Sciences – Political Science – Certificate of Advanced Study in Public Personnel Administration

Program Revision Graduate	<u>March 28, 2005</u> College of Arts and Sciences – Ph.D. Geography
Program Revision Undergrad	<u>April 11, 2005</u> College of Arts and Sciences – Science Education – BA/BS Physics Teaching Major and Minor
Program Suspension Undergrad	<u>April 11, 2005</u> College of Health and Human Performance – Physical Education – Early Childhood, Kindergarten-Primary, and Elementary Education Minor
Program Suspension Undergrad	<u>April 11, 2005</u> College of Health and Human Performance – Physical Education – Secondary Education Minor
Program Revision Graduate	<u>April 11, 2005</u> College of Arts and Sciences – Political Science – Masters Degree in Public Administration
Program Revision Undergrad	<u>April 25, 2005</u> College of Arts and Sciences – Languages, Literatures, and Linguistics- Single Language Option
Program Revision Undergrad	<u>April 25, 2005</u> College of Arts and Sciences – Liberal Studies – A.A. Liberal Studies
Program Revision Undergrad	<u>April 25, 2005</u> College of Arts and Sciences – Physics – Physics Core Curriculum
Program Revision Undergrad	<u>April 25, 2005</u> College of Education – Elementary, Early, and Special Education – Early Childhood Education Major
Program Revision Undergrad	<u>April 25, 2005</u> College of Education – Elementary, Early, and Special Education – Elementary Education Major
Program Elimination Undergrad	<u>April 25, 2005</u> College of Arts and Sciences – Family and Consumer Sciences – Family Life Education Minor
Program Revision Graduate	<u>April 25, 2005</u> College of Education – Elementary, Early, and Special Education – Gifted and Talented License
Program Revision Graduate	<u>April 25, 2005</u> College of Education – Educational Leadership, Administration, and Foundations – M.Ed. and Non Degree School Administration and Supervision

Program Revision Graduate	<u>April 25, 2005</u> College of Education – Educational Leadership, Administration, and Foundations – Ed.S. and Non Degree School Administration and Supervision
Program Revision Graduate	<u>April 25, 2005</u> College of Education – Educational Leadership, Administration, and Foundations – Ph.D. in Educational Administration
Program Suspension Graduate	<u>April 25, 2005</u> College of Arts and Sciences – Geography, Geology, and Anthropology – M.A. Geography For Teaching Licensure
New Program Undergrad	<u>May 16, 2005</u> College of Health and Human Performance – Physical Education – Martial Arts Minor
Program Revision Undergrad	<u>May 16, 2005</u> College of Arts and Sciences – Music – BA/BS Music Major
Program Revision Undergrad	<u>May 16, 2005</u> College of Education – Elementary, Early, and Special Education – Special Education
Program Revision Undergrad	<u>May 16, 2005</u> College of Education – Elementary, Early, and Special Education – Special Education: Mild Disabilities All Grade Minor Program
Program Revision Undergrad	<u>May 16, 2005</u> College of Education – Elementary, Early, and Special Education – Special Education Area of Concentration
Program Revision Graduate	<u>June 27, 2005</u> College of Education – Curriculum, Instruction, and Media Technology - Ph.D. Program in Curriculum and Instruction