



Academic Notes

MARCH 26, 2007

AN 2006-2007

****SPECIAL NOTICES****

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

AA Liberal Arts - Modern Foreign Languages Concentration - Spanish to BA Languages, Literature, Linguistics: Spanish
Final 3/18/2007

AA Liberal Arts - Modern Foreign Languages Concentration - German to BA Languages, Literature, Linguistics: German
Final 3/18/2007

AA Liberal Arts - Modern Foreign Languages Concentration - French to BA Languages, Literature, Linguistics: French
Final 3/18/2007

Lake Land College

AA Sociology/Social Work to BSW Social Work
Final 12/20/2006

DISTANCE EDUCATION POLICY CHANGE

The Indiana Commission for Higher Education policy states that “degree programs to be delivered through distance education technology must be authorized by the Indiana Commission for Higher Education following submission of a program request that has been approved by the institutions’ board of trustees.” Alternatively, “if an institution’s trustees do not require distance education technology programs to be approved by the Board, the institution should send a copy

of the policy to the Commission” (*Policy for Delivering Degree Programs Through Distance Education Technology*, March 5, 1998).

The Board of Trustees approved at its February 23, 2007 meeting a policy that approval by the Board is not needed for existing programs to be offered via distance education technology. A copy of the approval was sent to the Indiana Commission for Higher Education.

FACULTY ATTENDANCE FORM FOR SPRING COMMENCEMENT

All faculty are asked to go to the Academic Affairs Web site and fill out the Faculty Attendance form for Spring Commencement 2007. The form is located at the end of this document, and online at <http://www.indstate.edu/acadnotes/acad-aff/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 **5:00 p.m., Wednesday, May 2, 2007**. If you have questions, please contact Donna Royse at x2307.

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR SPRING 2007**

Below is the circulation schedule for the electronic copy of *Academic Notes* through May 7, 2007. **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. Submissions must be in hard copy along with an e-mail, disk, or CD with the same information. The electronic version must be formatted either in Word with pages with signatures scanned and inserted as a picture OR PDF saved as text and image. (Do NOT send PDF just saved as an image.) Information submitted to Academic Notes that is not accompanied by an electronic version or that is incomplete or unusable will be returned to the appropriate office. Academic Notes is available using Acrobat Reader at <http://www.indstate.edu/site/acad-aff/2315.html>**

ACADEMIC NOTES PUBLICATION SCHEDULE **FOR SPRING 2007**

<u>Deadline for Items</u>	<u>Issue Date</u>
March 28	April 2
April 4	April 9
April 11	April 16
April 18	April 23
April 25	April 30
May 2	May 7

THESES, DISSERTATIONS, AND RESEARCH PROJECTS

COLLEGE OF TECHNOLOGY: Industrial Technology Education

Todd E. Alberts will defend his thesis entitled *An Experimental Evaluation of Performance Variance for Internally Threaded Geometry Related to Extended Tap Wear in Low Carbon Steel*, on Tuesday, March 27, 2007 at 10:30 a.m., in Myers Technology Building Room TC202. Members of his committee are: Dr. M. Affan Badar, Chairperson; Dr. Randy Peters and Mr. Joe Ashby.

FACULTY GOVERNMENT

FACULTY AFFAIRS COMMITTEE

The Faculty Affairs Committee will meet on Thursday, March 29, 2007 at 3:30 p.m., in Root Hall 237-A.

Agenda

1. Approval of the minutes
2. Reports: Academic Affairs liaison
Executive Committee liaison
Chairperson
3. Old Business: Evaluation of on-line courses
4. New Business: Proposal for new faculty orientation

GRADUATE COUNCIL

Agenda

Meeting #21 12:10-1:30 pm, Monday, March 26, 2007 COE 11th Floor Conference Room #1 (The Large Conference Room).

1. Call to Order
2. Adoption of Agenda
3. Approve Minutes (distributed via email)
4. Unfinished/Ongoing Business
5. New Business
6. Reports
 - a. Chairperson
 - b. Faculty Senate Liaison
 - c. Administrative
 - d. Graduate Student Representative
 - e. Other
7. Upcoming Items

CURRICULUM

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UNDERGRADUATE PROPOSALS

PROGRAM ELIMINATIONS

COLLEGE OF TECHNOLOGY: Industrial Technology Education

Career and Technical Education (62 semester hours)

CIP Code: 131320 Major Code: E116

Brief Summary:

The A.S. degree in Career and Technical Education has been recommended for elimination by the Program Prioritization Task Force.

Proposed Catalog Copy:

None.

GRADUATE PROPOSALS

NEW COURSES

COLLEGE OF BUSINESS: Analytical

ACCT 510 Not-for-Profit Accounting—3 hours. A study of the design and operation of government and not-for-profit accounting systems including financial reporting standards; financial statement preparation; analysis and interpretation; budgeting; fund accounting; and relevant emerging issues.

Prerequisite: Business 202.

Preferred effective term: Fall 2007

ACCT 521 Financial Accounting IV—3 hours. A study of the accounting principles and theoretical concepts related to accounting for business combinations, preparing consolidated financial statements, partnership accounting, segment and interim reporting. Prerequisite: 302 with a C grade or better or consent of Department Chairperson.

Preferred effective term: Fall 2007

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF BUSINESS: Analytical

OMA 405 Business Statistics III—3 hours. A continuation of Business 305 with emphasis on the more advanced topics of business statistical applications. Prerequisite: Business 305 or equivalent with a minimum grade of C.

Change prerequisites to:

OMA 405 Business Statistics III—3 hours. A continuation of Business 305 with emphasis on the more advanced topics of business statistical applications. Prerequisite: Business 305 or equivalent with a minimum grade of C, or consent of Department Chairperson.

Preferred effective term: Fall 2007

OMA 435 Decision Modeling—3 hours. An introduction to the application of management science techniques and statistical tools to business decisions. Students will learn the assumptions and techniques necessary to apply and to implement solutions from optimization and other decision science models. The focus of the course is on problem solving, which includes problem definition, problem analysis, evaluation and choice of alternatives, and implementation and evaluation of the decision. Prerequisite: Business 305 with a minimum grade of C.

Change prerequisites to:

OMA 435 Decision Modeling—3 hours. An introduction to the application of management science techniques and statistical tools to business decisions. Students will learn the assumptions

and techniques necessary to apply and to implement solutions from optimization and other decision science models. The focus of the course is on problem solving, which includes problem definition, problem analysis, evaluation and choice of alternatives, and implementation and evaluation of the decision. Prerequisite: Business 305 with a minimum grade of C, or consent of Department Chairperson.

OMA 439 Operations Management and Analysis Internship—3 hours. Students work a predetermined amount of time in an approved position. Prior to registration, the position must be approved, the specific requirements established, and a written agreement must be signed by the employer, the student, and the supervising instructor. A written report is required of the student, and a written evaluation by the employer must be made to the supervising University instructor before credit will be granted. May be repeated one time if the second position is significantly different than the first. Prerequisite: Business 305 with a grade of C or better, or consent of the Department Chairperson.

Change prerequisites to:

OMA 439 Operations Management and Analysis Internship—3 hours. Students work a predetermined amount of time in an approved position. Prior to registration, the position must be approved, the specific requirements established, and a written agreement must be signed by the employer, the student, and the supervising instructor. A written report is required of the student, and a written evaluation by the employer must be made to the supervising University instructor before credit will be granted. May be repeated one time if the second position is significantly different than the first. Prerequisite: At least 6 hours of OMA coursework with a grade of C or better and consent of the Department Chairperson on application form.

Preferred effective term: Fall 2007

OMA 445 Advanced Operations Management—3 hours. This course extends the work done in earlier courses. Some of the latest techniques and concepts in production and service operations management are taught. Possible topics include operations strategy, service system design, supply chain management, project management, production planning and control, and enterprise resource planning. The main emphasis of the course is to focus on current and strategic issues. Prerequisite: Business 351 or equivalent, with a minimum grade of C.

Change prerequisites to:

OMA 445 Advanced Operations Management—3 hours. This course extends the work done in earlier courses. Some of the latest techniques and concepts in production and service operations management are taught. Possible topics include operations strategy, service system design, supply chain management, project management, production planning and control, and enterprise resource planning.

The main emphasis of the course is to focus on current and strategic issues. Prerequisite: Business 351 or equivalent with a minimum grade of C, or consent of Department Chairperson.

Preferred effective term: Fall 2007

OMA 460 Risk and Decision Analysis—3 hours. The course addresses strategies for organizing information and making decisions under conditions of uncertainty and risk. Classical probability techniques and Bayesian analysis are employed. Students practice assessing uncertain quantities and risk, and learn how values, biases, and risk attitudes influence the decision making process. Prerequisite: Business 305 or equivalent with a minimum grade of C.

Change prerequisites to:

OMA 460 Risk and Decision Analysis—3 hours. The course addresses strategies for organizing information and making decisions under conditions of uncertainty and risk. Classical probability techniques and Bayesian analysis are employed. Students practice assessing uncertain quantities and risk, and they learn how values, biases, and risk attitudes influence the decision making process. Prerequisite: Business 305 or equivalent with a minimum grade of C, or consent of Department Chairperson.

Preferred effective term: Fall 2007

OMA 470 Business Process Simulation—3 hours. This course introduces students to the concepts and tools needed to intelligently analyze complex business processes through computer simulation. The statistical concepts and logic needed to accurately model a real-world process form the basis of learning in the course. These are applied to hypothetical and real-world business processes through the use of a common simulation software package. Additionally, the concepts of experimental design and analysis needed to meaningfully interpret the results of simulation experiments are presented. Upon completion of the course, students will be able to accurately predict the effect of management decisions on complex business systems, thus aiding in making decisions relevant to such systems. Prerequisites: Business 305 and Management Information Systems 376 or Business Education, Information, and Technology 320 or equivalent with a minimum grade of C+ in each class, or consent of Department Chairperson.

Change description and prerequisites to:

OMA 470 Business Process Simulation—3 hours. This course introduces students to the concepts and tools needed to intelligently analyze complex business processes through computer simulation. The statistical concepts and logic needed to accurately model a real-world process form the basis of learning in the course. These are applied to hypothetical and real-world business processes through the use of a common simulation software package. Upon completion of the course, students will be able to accurately predict the effect of management decisions on complex business systems, thus aiding in making decisions relevant to such systems. Prerequisites: Business 305 and Management Information Systems 376 or Business Education, Information, and Technology 320 or equivalent with a minimum

grade of C+ in each class, or consent of Department Chairperson.

Preferred effective term: Fall 2007

OMA 480 Quality Control Methods—3 hours. This course presents managerial concepts and quantitative tools necessary for the effective control of quality in a manufacturing or service business. Students begin by studying quality program standards. Students also study advanced topics in statistical process control, which are essential for the control of quality in any organization. As time permits, concepts in product reliability testing may also be presented. Upon completion of the course, students have an understanding of the importance of quality to any organization and the tools necessary to guarantee quality output in a business. Highly motivated students will be prepared for entry-level quality management positions after this course. Prerequisites: Business 305 and Management Information Systems 376 or Business Education, Information, and Technology 320 or equivalent with a minimum grade of C+ in each class, or consent of Department Chairperson.

Change description and prerequisites to:

OMA 480 Quality Control Methods—3 hours. This course presents managerial concepts and quantitative tools necessary for the effective control of quality in a manufacturing or service business. Students begin by studying modern quality management systems. Students also study advanced topics in statistical process control, which are essential for the control of quality in any organization. As time permits, concepts in product reliability testing may also be presented. Upon completion of the course, students have an understanding of the importance of quality to any organization and the tools necessary to guarantee quality output in a business. Prerequisites: Business 305 and Management Information Systems 376 or Business Education, Information, and Technology 320 or equivalent with a minimum grade of C+ in each class, or consent of Department Chairperson.

Preferred effective date: Fall 2007

OMA 486 Seminar in Operations Management and Analysis—3 hours. The course provides an in-depth study of a selected area that would not ordinarily be presented in a regularly scheduled class. (May be repeated for a maximum of 6 hours; duplicate credit for the same topic will not be given.) Prerequisite: Business 305 or equivalent with a minimum grade of C.

Changes prerequisites to:

OMA 486 Seminar in Operations Management and Analysis—3 hours. The course provides an in-depth study of a selected area that would not ordinarily be presented in a regularly scheduled class. (May be repeated for a maximum of 6 hours; duplicate credit for the same topic will not be given.) Prerequisite: Business 305 or equivalent with a minimum grade of C, or consent of Department Chairperson.

Preferred effective date: Fall 2007

OMA 490 Supply Chain Management—3 hours. This course is designed to build a basic understanding of the processes involved in managing and integrating the supply chain by using both qualitative and quantitative skills. Focus will be on the management of the entire organization, with emphasis placed on managing flow of information, materials, people, and services from raw materials through production (or service delivery) to the final customer. Prerequisites: 445 or consent of the Department Chairperson.

Change prerequisites to:

OMA 490 Supply Chain Management—3 hours. This course is designed to build a basic understanding of the processes involved in managing and integrating the supply chain by using both qualitative and quantitative skills. Focus will be on the management of the entire organization, with emphasis placed on managing the flow of information, materials, people, and services from raw materials through production (or service delivery) to the final customer. Prerequisites: Operations Management and Analysis 445 with a minimum grade of C, or consent of Department Chairperson.

Preferred effective date: Fall 2007

COURSE BANKING

COLLEGE OF ARTS AND SCIENCES: Chemistry

CHEM 410 Chemical Information—1 hour. A series of lectures and hands-on experiences in the use of printed and electronic sources of chemical information. Includes on-line searching of *Chemical Abstracts* as well as various other databases that are important to chemists. Prerequisite: successful completion of or concurrent enrollment in 352.

Preferred effective term: Fall 2007

COLLEGE OF HEALTH AND HUMAN PERFORMANCE: Recreation and Sport Management

RCSM 336 Management of Recreation and Sport—3 hours. Fundamentals of management for recreation and sport organizations in the public, private, and nonprofit sectors. Study of the role, function, and practice of management.

Preferred effective date: Fall 2007

RCSM 446 Introduction to Research and Evaluation in Recreation and Sport Management—3 hours. Designed to introduce basic concepts and techniques of research with an emphasis on evaluation processes within recreation and sport management. Evaluation methodology is examined with emphasis on design, planning, and implementation. Includes basic statistical analysis methods related to research and evaluation.

PROGRAM REVISIONS

COLLEGE OF EDUCATION: Elementary, Early, and Special Education

Elementary Education Major (124 semester hours minimum)

CIP Code 131202 Major Code 8542

Brief Summary:

This proposal eliminates 4 directed studies courses that also count for majors as General Education. The specific courses impacted are ART 151, HIST 101 or 102, GEOG 130. It does reduce by three credit hours the minimum number of hours that a student must have in the General Education, Directed Studies area.

At one point in time, more directed studies were required by both the state and NCATE. In a standards-based, outcomes-based program, what is of greater importance is that students are able to demonstrate performance related to state and national content and developmental standards.

At this time, the program is keeping directed studies (additional coursework) in areas that are directly related to the curriculum in elementary schools and areas of licensure for elementary teachers (i.e. art, PE, music). However, the program is loosening the required directed coursework that is also part of General Education. These small changes will allow the program to be more flexible for inter-university transfers and will not impact student performance. Students may still elect to take the previously required General Education courses, but will NOT be required to in order to complete the major.

Student Learning:

All our programs are outcomes-based and directed toward the Indiana Teacher Standards. Over the years, the program has examined the outcomes and found that these courses are not directly related. Alternatively, allowing a student to explore more general education areas may expand a student's perspective, and be more internally-transfer friendly ELAF 200 has been part of the program outcomes; however, these standards are assessed multiple times in later course. However, the organizations with which ELAF 200 has been involved for service learning will be explored to be continued to be used – these community engagement activities are important. But they will be redirected toward exposing our students to more diverse settings for their teaching performance – an outcome which has had its challenges. The other courses, as service and general education course, have never been a part of the programs accreditation review or outcomes assessment plan.

Proposed catalog copy:

Elementary Education Major (124 semester hours minimum)

CIP Code 131202 Major Code _____

The student who desires to be an elementary teacher must remain in good standing in the Teacher Education Program and complete the program outlined below which will satisfy requirements for the bachelor of science degree or the bachelor of arts degree provided the foreign language requirement is fulfilled. Satisfactory completion of the program will also make the individual eligible for the Standard Instructional License in the state of Indiana provided that the individual satisfies the test requirements. Upon completion of this degree, the holder can be licensed in the elementary, primary, and intermediate school setting.

Credits Required for Degree **124**

Credits Required for Major **94-95**

Professional Education	42
ELED 335: Early Childhood: Teaching and Learning in the Kindergarten	3
Exceptional Learners – Choose <i>one</i> of the following	3
ELED 437: Early Childhood: Theories and Practices in Working with Exceptional Children	
SPED 102: Intro to Special Education	
SPED 226: The Exceptional Learner in the Regular Classroom	
Foundations Block I	4
ELED 100: Initial Experiences in Elementary Education	
ELED 100L: Initial Experiences in Elementary Education Lab	
EPSY 202: Psychology of Childhood and Adolescent (<i>may satisfy a General Education requirement</i>)	
Teaching-Learning Block II	8
ELED 250: Teaching-Learning and Classroom Management	
ELED 250L: Teaching-Learning and Classroom Management Lab	
ELED 259: Measurement & Evaluation in the Elementary School	
ELED 324: Emergent Literacy	
Method-Content Block III	6
ELED 392: The Teaching of Elementary School Social Studies	
ELED 392L: The Teaching of Elementary School Social Studies Lab	
ELED 397: Teaching, Developmental Reading & Other Language Arts	
Method-Content Block IV	6
ELED 394: The Teaching of Elementary School Math	
ELED 394L: The Teaching of Elementary School Math Lab	
ELED 398: Corrective Reading in the Classroom	
Practicum Block V	12
ELED 451: Supervised Teaching	
ELED 453: Supervised Teaching:	

Additional Subject Matter	26-27
ENG 235: Major World Authors	3
HLTH 327: School Health Services	3
MATH 205: Math for Elementary Teachers I	3
MATH 305: Math for Elementary Teachers II	3
MUS 325: Music in the Education of Children	3
SCED 393: Science in the Elementary School	4
SCED 393L: Science in the Elementary School Lab	1
An Approved Fine Arts Class (may satisfy a General Education requirement)	3-4
Choose from one of the following:	3
ENG 280: Children's Literature	
COMM 266: Oral Interpretation of Children's Literature (<i>may satisfy a General Education requirement</i>)	

Required Major Courses that may also Satisfy Gen Ed Requirements	14
HIST 201: The United States to 1877 <i>or</i> HIST 202: The United States Since 1865	
EPSY 341: Education in a Multicultural Society	
COMM 302: Speech for the Teacher	
ELED 272: Intro to Classroom Computer Use	
PE 348: Methods of Teaching PE in Elementary School	

Electives	Minimum 12
Three options are available:	
1. Complete any University minor as specified by the <i>Undergraduate Catalog</i> . The minor area may not appear on a teaching license, but will appear on the University degree as well as provide students with more depth of understanding in an area of interest. (Check with Education Student Services Office for applicable minors).	
2. Complete a sequence of courses that can lead to an additional instructional license added to the school setting of early and middle childhood. The instructional setting of middle/junior high school can also be added to the instructional license along with a content area to allow the student teach at the middle school level.	
3. Electives of the student's choice to study an area of interest or explore other fields.	

Other Requirements

- All of the above courses must be completed with a grade of "C" or better
- MATH 205 and 305 may not be taken by correspondence
- All majors must maintain a minimum grade point average of 2.5
- The professional education component consists of a sequential pattern of course work integrated into blocks. Each subsequent Block has the previous Block as a prerequisite. Prior to enrolling in Block III, the student must have been admitted to BCP I. All Block sequences include practicum experiences in actual school settings. These laboratory courses do not carry course credit, but are required to successfully complete each Block.

- The Exceptional Learners course is a prerequisite for Block II.
Preferred effective Term: Fall 2007