



Academic Notes

APRIL 15, 2002

AN 2001-2002

SPECIAL NOTICES

RETIREMENT TEA

The 2001-2002 Retirement Tea will be held in the Hulman Memorial Student Union (HMSU) Dede II and III on Wednesday, April 17, 2002, at 2:00 p.m. This annual event recognizes faculty and administration for services rendered to the University during their employment. Persons wishing to celebrate with the retirees are welcome to attend.

The following retirees will be honored:

ADMINISTRATIVE AFFAIRS

Robert Murray

ACADEMIC AFFAIRS

Beverly Ashley

COLLEGE OF ARTS & SCIENCES

Torsten Alvager

Judith Byrne

Thomas Cadwallader

William Dando

Whitney Engeran

James Hatch

Elaine Kleiner

John Oliver

Fred Rusch

Gurmeet Sekhon

SCHOOL OF EDUCATION

Dale Findley

Daniel Horton

Gail Huffman-Joley

Carol Turner

SCHOOL OF TECHNOLOGY

Norval Wayne Castner

Mak Koie

HONOR DAY CONVOCATION

The 2001-2002 Honor Day Convocation will be held in the Hulman Memorial Student Union (HMSU) Dede I on Wednesday, April 24, 2002, at 2:00 p.m. The reception will immediately follow in Dede II and III. This annual event recognizes outstanding students all over Indiana State University's campus. Persons wishing to celebrate with the students are welcome to attend.

SPECIAL NOTICES: continued

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SPRING 2002

Below is the circulation schedule for the hard copy of *Academic Notes* through May 6, 2001. An asterisk (*) indicates a curricular issue. **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.** An electronic version of *Academic Notes* is available using Acrobat Reader via the ISU Web Page at – <http://web.indstate.edu/acadnotes/> –.

Deadline for Items Issue Date

April 17	April 22
April 24*	April 29*
May 1	May 6

* Please call Tiffany Trass at extension 3662 with any questions pertaining to the submission of information on a diskette or through e-mail.

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SUMMER 2002

<u>Deadline for Items</u>	<u>Issue Date</u>
May 15*	May 20*
June 5	June 10
June 19*	June 24*
July 10	July 15
July 24*	July 29*
August 7	August 12

FACULTY GOVERNMENT

FACULTY SENATE EXECUTIVE COMMITTEE REPORT FOR
MARCH 26, 2002

The Executive Committee met at 3:15 in Hulman Memorial Student Union (HMSU) 227.

PROVOST PONTIUS REPORTED:

1) Institutional Effectiveness meetings will take place April 11, 15, and 16: 9am - 3:30 pm, HMSU 4th floor. Presentations will be by deans, VPs, and others, who will attempt to answer questions raised in January. President Benjamin will attend.

2) CUPA data has been forwarded to FEBC.

3) The Report on Special Purpose Faculty was provided for forwarding to FAC.

4) Searches: A&S - Dean hired.
- Dean's spouse has accepted a 2-year ISU appointment as Visiting Associate Professor

Grad Dean - being finalized

Faculty: As many as 50 of the 56 authorized tenure-track positions will be filled.

Chairs will be asked for staffing requests for next two years.

5) Reallocation will be discussed in Deans' Council. An explanatory letter will go to faculty.

CHAIR CERNY REPORTED:

1) Several important upcoming events:
AAUP presentation on an Academic Bill of Rights; Human Rights Day;
Mediation Training session; Board of Trustees on 4/25-26; new Faculty Senate elects officers 4/11.

2) A group of forty research-oriented faculty has met and is preparing a statement.

3) A group of faculty concerned with policies on sabbatical leaves is preparing a statement/plan.

4) Six members of the Executive Committee attended the ICHE Annual Meeting of Faculty Leaders in Indianapolis. ISU was the best-represented institution.

15-MINUTE DISCUSSION PERIOD -- items addressed:

1) Research Showcase successful. Provost participated.

2) Sabbatical Leaves. Local newspaper editorial indicates that the public does not understand rationale for leaves. Provost will meet with chair of Leaves Committee to discuss a joint response.

3) Tuition assistance for dependents--policy.

4) Presidential Scholar appointment procedures.

5) AAC Professional Satisfaction Survey--procedures, timelines, related issues.

6) Rumor of possible Vote of Confidence in the Faculty Senate. Chair Cerny observed that such rumors have been common over the years; that Senate action items normally proceed from standing committees to the Executive Committee and then to the Senate; that he had not received any request to include such an item; and that a motion from the floor would, therefore, be out of order. Responding to an objection, he agreed that the Senate could choose, by a two-thirds majority, to consider an item directly.

OLD BUSINESS

1) FAC DOCUMENT ON NON-TENURE-TRACK FACULTY: Accepted for discussion. Document TABLED pending further input from FAC after consideration of "Proposed Guidelines for Special (Clinical Track) Faculty." [Provost's report--3/13/02]

2) SENATE REPLACEMENT -- Approved seating J. Westgard.

3) WORKLOAD POLICY -- members edited and approved two items:

(A) "History and Executive Summary of the Faculty Workload Draft Policy."

(B) "Faculty Workload Policy."

The Committee will next edit "Guidelines and Procedures for Departmental Workload Policies and Standards" and expects to have all documents ready for Senate consideration early in the Fall term.

The meeting adjourned at 6:08 pm.

FACULTY SENATE EXECUTIVE COMMITTEE

The Faculty Senate Executive Committee will meet at 3:15 p.m. on Tuesday, April 16, 2002, in Hulman Memorial Student Union (HMSU), Room 227.

AGENDA

- I. Administrative Report
- II. Chair Report
- III. Fifteen Minute Open Discussion
- IV. Approval of the Minutes
- V. AEC and URC Recommendation: Summer Stipend Awards
- VI. FEBC Recommendations:

- a. TIAA-CREF Provisions
- b. Failed Searches Survey Report
- c. Policies for Administrators Returning to Classroom
- d. Non-Tenure Track Faculty
- VII. Standing Committee Reports
- VIII. Old Business
- IX. New Business

FACULTY GOVERNMENT: continued

UNIVERSITY FACULTY SENATE

The University Faculty Senate will meet at 3:15 p.m. on Thursday, April 18, 2002, in Dede III.

AGENDA

- I. Administrative Report
 - II. Chair Report
 - III. SGA Report
 - IV. Fifteen Minute Open Discussion
 - V. Approval of the Minutes
 - VI. *AEC and URC Recommendation: Summer Stipend Awards
 - VII. *FEBC Recommendations:
 - a. TIAA-CREF Provisions
 - b. Failed Searches Survey Report
 - c. Policies for Administrators Returning to Classroom
 - d. Non-Tenure Track Faculty
 - VIII. Standing Committee Reports
 - IX. Old Business
 - X. New Business
- *Pending Executive Committee action on April 16, 2002.

FACULTY SENATE STANDING COMMITTEES

CURRICULUM AND ACADEMIC AFFAIRS COMMITTEE

The Curriculum and Academic Affairs Committee will meet at 2:00 p.m. on Thursday, April 18, 2002, in Family & Consumer Sciences, Room 110.

THESES, DISSERTATIONS, & RESEARCH PROJECTS

COLLEGE OF ARTS & SCIENCES

ENGLISH

Ms. Roberta Feuquay will defend her thesis, entitled *The World Loves a Carnivore*, at 10:30 a.m. on Monday, April 15, 2002 in Root Hall, room A-237. The members of her committee are Dr. Matthew Brennan, Chair, Dr. Jennifer Drake, and Dr. Steven Connelly.

THESES, DISSERTATIONS, & RESEARCH PROJECTS: continued

HISTORY

Ms. Kathleen Isaacson will defend her thesis, entitled *Galileo Galilei's Battle with the Geocentric Universe: An Attack on a Cultural Symbol*, from 3:00 until 5:00 p.m. on Friday, April 19, 2002 in Stalker Hall, room 205. The members of her committee are Dr. Kveta Benes, Chair, Dr. Gale E. Christianson, and Dr. Robert Clouse.

HUMANITIES

Ms. Tara Tuttle will defend her thesis, entitled *Evangelical Protestantism and the Development of Country Music*, at 3:30 p.m. on Thursday, April 25, 2002 in Root Hall, room A-237. The members of her committee are Dr. Jennifer Drake, Chair, Dr. Tom Derrick, and Dr. Don Jennermann.

LIFE SCIENCES

Mr. Robert Jean will defend his thesis, entitled *The Pollinator Fauna of Two Spring Wildflowers of Midwestern Deciduous Forest, Erigenia Bulbosa and Claytonia Virginica*, at 2:00 p.m. on Monday, April 15, 2002 in the Science Building, room 205. The members of his committee are Dr. Peter E. Scott, Chair, Dr. Marion T. Jackson, and Dr. Steven Lima.

SCHOOL OF EDUCATION

COUNSELING

Ms. Lori Tagger will defend his dissertation, entitled *The Relationship of Collective Efficacy and Performance in Supervision*, at 1:00 p.m. on Tuesday, April 16, 2002. The members of her committee are Dr. Michael Shuff, Chair, Dr. Reece Chaney, and Dr. Linda Sperry.

EDUCATIONAL LEADERSHIP, ADMINISTRATION, AND FOUNDATIONS

Mr. Jerry Sanders will defend his dissertation, entitled *A Study of the Relationship Between Organizational Theories Identified Through the Leadership Beliefs and Leadership Behaviors of Academic Notes*

2002

Indiana Public School Superintendents, at 10:30 a.m. on Wednesday, April 17, 2002 in the School of Education, room 1203. The members of his committee are Dr. Robert Boyd, Chair, Dr. Todd Whitaker, and Dr. Judith Najib.

SCHOOL OF TECHNOLOGY

INDUSTRIAL AND MECHANICAL TECHNOLOGY

Mr. Matthew Amstutz will defend his thesis, entitled *An Experimental Comparison of Training Methods to Increase Diagnostic Skills of Electrical Technicians*, at 10:00 a.m. on Friday, April 19, 2002 in the Meyers Technology Building, room 211. The members of his committee are Dr. Michael A. Hayden, Thesis Director, Dr. N. Wayne Castner, and Dr. Gordon Minty.

FIELD TRIPS

COLLEGE OF ARTS & SCIENCES: Family and Consumer Sciences

The Family and Consumer Sciences 458 class will take a field trip to Indianapolis on Thursday, April 18, 2002 to visit Rowland Design, Inc. and Office Works – A Herman Miller Dealer. The purpose of this trip is for students to visit a professional design firm. The visit will be from 9:30 a.m. until 12 noon. A list of participating students is available in the Family and Consumer Sciences Office.

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

The Recreation and Sport Management 380 class will take a field trip to Skokie, Illinois on Thursday and Friday, April 18-19, 2002 to survey recreation and sports facilities in that area. A list of participating students is available in the Recreations and Sport Management Office.

UNDERGRADUATE CURRICULUM PROPOSALS

NEW COURSES

SCHOOL OF HEALTH & HUMAN PERFORMANCES: Physical Education

- PE 120 Hapkido – 1 hour.**
- PE 157 Jeet Kune Do – 1 hour.**
- PE 159 Weapon/Weaponless Defense II – 1 hour.**
- PE 178 Hapkido II – 1 hour.**

NEW UNDERGRADUATE PROGRAMS

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety Environmental Health Sciences Minor

Executive Summary:

Environmental Health Sciences involves the study of the connection between human health and the environment; as such, it is a field that expands many disciplines. Offering the Environmental Health Sciences Minor degree at Indiana State University (ISU) will optimize resources in the Department of Health and Safety and will provide an educational opportunity for students to enhance the practical application of environmental health sciences careers. For example, Safety Management

*UNDERGRADUATE PROPOSALS – New Programs – Environmental Health Sciences Minor:
continued*

majors may benefit from learning about pollution prevention and control technology in the work place, environmental laws related to work safety, and solid and hazardous waste management. Chemistry and Life Science majors may benefit from obtaining knowledge about the interaction between chemicals and the environment. Geography, Geology and Anthropology majors may benefit from learning about prevention and control technology and health effects of water and soil pollutants. Science Education majors may benefit from learning how to integrate environmental health issues in science classes; and the list goes on. For non-science majors the prerequisite requirements in both required and directed elective courses will need to be fulfilled.

New courses will not be created in order to offer an Environmental Health Sciences Minor program. Current faculty in the Department of Health and Safety can manage the additional classroom enrollment. The Dean of the School of Health and Human Performance has indicated support for this proposal.

Rationale:

Environmental health sciences are practical and interdisciplinary sciences. As concerns about and interest in environmental health sciences continue to increase, students from a variety of disciplines have expressed interest in learning more about the field, but not necessarily in pursuing it as a major. This minor curriculum is designed to provide students with the necessary skills to understand, identify and solve environmental problems from different aspects. We believe the minor program will be an attractive complement to students in a number of different majors and beneficial to them in their chosen career. Moreover, the Environmental Health Sciences program at ISU is the only program in Indiana accredited by the National Environmental Health Science And Protection Accreditation Council. Most of the accredited programs have the Environmental Health Sciences Minor or in the process to propose one to serve non-majors students on their campuses.

PROPOSED CATALOG COPY

Environmental Health Sciences Minor (21 semester hours)

Required Core Courses (12 semester hrs.): Health and Safety 210--3 hrs.; 352--3 hrs.; 360--3 hrs.; 437--3 hrs..

Direct Electives Courses (9 semester hrs.): Health and Safety 315--3hrs.; 315L--1hr.; 335—3 hrs.; 335L—1 hr.; 356—3 hrs.; 377—3 hrs.; 377L—1 hr.; 425—3 hrs.; 429—3 hrs.; 453—3 hrs.; 457—3 hrs.; 490--4hrs.; Chemistry 321—3 hrs.; 371—3 hrs.; Geography, Geology, and Anthropology 381—3 hrs., 453—3 hrs., 454--3 hrs., 455--3 hrs., 457--3 hrs.

UNDERGRADUATE PROPOSALS: continued

COURSE REVISIONS

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health & Safety

HLTH 360 (317) Epidemiology – 3 hours. Epidemiology is the study of the etiological agents, reservoirs, vectors, cultural, geographical factors, etc., determining the occurrence of disease in a population; the natural history of disease and its control; and the study of the variables of disease: time, place, person. Prerequisite: 340 or consent of instructor.

Change number and description to:

HLTH 360 Epidemiology – 3 hours. Epidemiology is the study of the distribution and determinants of health events among the human population. Topics include: history of disease; epidemiologic study design, data collection, analysis, presentation, and application in community diagnosis, risk assessment, and program evaluation. Prerequisite: 340 or consent of instructor.

SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology

IMT 351A-Z Cooperative Industrial Practice—3 hours. Coordinated work experiences in industry and a comprehensive written report of the experience. Prerequisite: participation in Professional Practice Program.

Change description to:

IMT 351 Cooperative Industrial Practice—3 hours. Coordinated work experiences in industry and a comprehensive written report of the experience. Prerequisite: participation in Professional Practice Program. Course may be taken twice for an maximum of 6 credits.

IMT *409 Senior Project in Mechanical Technology—2-3 hours. A project approved by the professor is planned and carried out by the student. The project must demonstrate an advanced level of design competency in mechanical technology and is performed in consultation with one or more faculty advisors. Collaboration with representatives of industry, government agencies, or community institutions is encouraged.

Change title and description to:

IMT *409 Senior Project in Industrial Technology – 2-3 hours. A project approved by the professor is planned and carried out by the student. The project must demonstrate an advanced level of competency in the student's major and is performed in consultation with one or more faculty advisors. Collaboration with representatives of industry, government agencies, or community institutions is encouraged.

**Course has a graduate level equivalent*

UNDERGRADUATE PROPOSALS: continued

UNDERGRADUATE PROGRAM REVISIONS

SCHOOL OF TECHNOLOGY: Electronics and Computer Technology Computer Hardware Technology Major: Instrumentation Control Option

Executive Summary:

In response to the Program Array Review Process, the Bachelor of Science Program in Instrumentation and Control Technology is being revised to be offered as an option under the Bachelor of Science in Computer Hardware Technology. The title of the program will change from Instrumentation and Control Technology to Computer Hardware Technology: Instrumentation and Control Option. The option provides opportunities and experiences to students interested in the field of computer hardware instrumentation and computer instrumentation systems. Programs are designed to provide students with the necessary knowledge and application skills needed to be successful at the job entry level. This change will eliminate the CIP Code 150404 by placing the option under the CIP code 150301.

Rationale:

Eliminating IMT 438 from the curriculum because it has not been taught for many years. This elimination will remove the need for course substitutions. The change in the number of technical elective hours from 6 to 9 increases the number of elective hours available to the student making the degree program more flexible for the individual to tailor the course of study to individual interests. Due to low number of graduates in the past, the Program Array Review process has identified this degree as requiring change. It was proposed and approved to modify the program from a stand-alone B.S. program to being offered as an option under the B.S. of Computer Hardware Technology. This will eliminate the CIP code for the Instrumentation B.S. degree.

Instrumentation and Control Major (83 semester hours)

Required courses:

Electronics Technology courses (42 hours): 130—2 hrs.; †160—3 hrs.; †165—3 hrs.; 220—3 hrs.; 221—3 hrs.; 231—3 hrs.; †232—3 hrs.; 321—3 hrs.; †331—3 hrs.; †334—3 hrs.; 421—3 hrs.; 430—1 hr.; †442—3 hrs.; †444—3 hrs.; †446—3 hrs.

Chemistry and Physics: 8 hours from the following: Chemistry 105—3 hrs. and 105L—1 hr.; 106—3 hrs. and 106L—1 hr.; Physics 105—3 hrs. and 105L—1 hr.; 106—3 hrs. and 106L—1 hr.

Industrial and Mechanical Technology (6 hours): †329—3 hrs.; †438—3 hrs.

Management: 12 hours from the following: Electronics and Computer Technology 437—3 hrs.; Management 301—3 hrs. or 140—3 hrs.; Manufacturing and Construction Technology 473—3 hrs.; 497—3 hrs.

Mathematics and Computer Science (9 hours): Mathematics 115—3 hrs.; 301—3 hrs. (or higher level of mathematics); Computer Science 156 or 256—3 hrs. or higher level structured language.

UNDERGRADUATE PROPOSALS – Program Revisions – Computer Hardware Technology Major – Instrumentation and Control Option: continued

Electives: 6 hours.

PROPOSED CATALOG COPY

**Computer Hardware Technology Major – Instrumentation and Control Option
(83 semester hours)**

Required courses:

Electronics Technology courses (42 hours): 130—2 hrs.; †160—3 hrs.; †165—3 hrs.; 220—3 hrs.; 221—3 hrs.; 231—3 hrs.; †232—3 hrs.; 321—3 hrs.; †331—3 hrs.; †334—3 hrs.; 421—3 hrs.; 430—1 hr.; †442—3 hrs.; †444—3 hrs.; †446—3 hrs.

Chemistry and Physics: 8 hours from the following: Chemistry 105—3 hrs. and 105L—1 hr.; 106—3 hrs. and 106L—1 hr.; Physics 105—3 hrs. and 105L—1 hr.; 106—3 hrs. and 106L—1 hr.

Industrial and Mechanical Technology (3 hours): †329—3 hrs.

Management: 12 hours from the following: Electronics and Computer Technology 437—3 hrs.; Management 140—3 hrs. or 301—3 hrs.; Manufacturing and Construction Technology 473—3 hrs.; 497—3 hrs.

Mathematics and Computer Science (9 hours): Mathematics 115—3 hrs.; 301—3 hrs. (or higher level of mathematics); Computer Science 156 or 256—3 hrs. or higher level structured language.

Electives: 9 hours.

**SCHOOL OF TECHNOLOGY: Electronics and Computer Technology
Electronics Technology Major: Biomedical Electronics Option**

Executive Summary:

In response to the Program Array Review Process, the Bachelor of Science Program in Biomedical Electronics Technology is being revised to be offered as an option under the Bachelor of Science in Electronics Technology. The option provides opportunities and experiences to students interested in the field of Biomedical Electronics. Program are designed to provide graduates with the necessary knowledge and application skills needed to be successful at the job entry level. This change will eliminate the CIP code 150401 by placing the option under the CIP code 150303. The chance will also decrease the required hours by 3 from 90 to 87 by removing MATH 301 as a requirement.

Rationale:

Due to the low number of graduates in the past, the Program Array Review process has identified this degree as requiring change. It was proposed and approved to modify the program from a stand alone B.S. program to being offered as an option under the B.S. of Electronics Technology. This will eliminate the CIP code for the B.S. degree. The reduction of 3 hours is possible due to the alteration of the program resulting in the elimination of Math 301 as a required course.

UNDERGRADUATE PROPOSALS – Program Revisions – Electronics Technology – Biomedical Electronics Option: continued

CURRENT CATALOG COPY

Biomedical Electronics Technology Major (90 semester hours)

Required courses:

Electronics Technology courses (39 hours): 130—2 hrs.; †160—3 hrs.; †165—3 hrs.; 220—3 hrs.; 221—3 hrs.; 231—3 hrs.; †232—3 hrs.; 321—3 hrs.; †324—3 hrs.; †325—3 hrs.; 331—3 hrs.; †334—3 hrs.; †369—3 hrs.; 430—1 hr.

Industrial and Mechanical Technology (9 hours): †103—3 hrs.; 303—3 hrs.; †329—3 hrs.

Chemistry (8 hours): 105—3 hrs.; 105L—1 hr.; 106—3 hrs.; 106L—1 hr.

Life Sciences (8 hours): 101—3 hrs.; 101L—1 hr.; 102—3 hrs.; 102L—1 hr.

Mathematics and Computer Science (9 hours): Mathematics 115—3 hrs.; 301—3 hrs. (or higher level of mathematics); Computer Science 156 or 256—3 hrs. (or higher level structured language).

Physics (8 hours): 105—3 hrs.; 105L—1 hr.; 106—3 hrs.; 106L—1 hr.

Required Electives (9 hours): Electronics and Computer Technology †281—3 hrs.; †335—3 hrs.; 351A—3 hrs.; 437—3 hrs.; Clinical Laboratory Science 400—3 hrs.; 401—5 hrs.; 490—1 hr.; Life Sciences 330—3 hrs.; 330L—1 hr.

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

Additional courses to satisfy the General Education requirements.

PROPOSED CATALOG COPY

Electronics Technology Major – Biomedical Electronics Technology Option (87 semester hours)

Required courses:

Electronics Technology courses (39 hours): 130—2 hrs.; †160—3 hrs.; †165—3 hrs.; 220—3 hrs.; 221—3 hrs.; 231—3 hrs.; †232—3 hrs.; 321—3 hrs.; †324—3 hrs.; †325—3 hrs.; 331—3 hrs.; †334—3 hrs.; †369—3 hrs.; 430—1 hr.

Industrial and Mechanical Technology (9 hours): †103—3 hrs.; 303—3 hrs.; †329—3 hrs.

Chemistry (8 hours): 105—3 hrs.; 105L—1 hr.; 106—3 hrs.; 106L—1 hr.

Life Sciences (8 hours): 101—3 hrs.; 101L—1 hr.; 102—3 hrs.; 102L—1 hr.

Mathematics and Computer Science (9 hours): Mathematics 115—3 hrs.; Computer Science 156 or 256—3 hrs. (or higher level structured language).

Physics (8 hours): 105—3 hrs.; 105L—1 hr.; 106—3 hrs.; 106L—1 hr.

Required Electives (9 hours): Electronics and Computer Technology †281—3 hrs.; †335—3 hrs.; 351A—3 hrs.; 437—3 hrs.; Clinical Laboratory Science 400—3 hrs.; 401—5 hrs.; 490—1 hr.; Life Sciences 330—3 hrs.; 330L—1 hr.

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

UNDERGRADUATE PROPOSALS – Program Revisions: continued

SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology Automotive Technology Management Major

Executive Summary and Rationale:

Change of course requirements to comply with GE2000 and change of title to better reflect program content. Industrial Technology pre-programs are by nature and design management programs. Industrial Technology programs are accredited by the National Association of Industrial Technology (NAIT). NAIT Accreditation Standards state that Industrial Technology programs must prepare management-oriented technical professionals. The overwhelming major of industrial technology graduates, especially Automotive Technology, are employed as managers and other salaried (as compared to hourly) professionals. The Automotive program does not prepare automotive technicians. However, the title Industrial Automotive Technology does not describe the professions for which the major prepares graduates. Most students and potential clients and University personnel, e.g., admissions, administrators, etc., believe, based on the current title, that the major prepares technicians. The program prepares managers – not technicians. The current title is misleading and hinders recruiting, marketing, and placement of graduates in the program. The required course changes are required to adhere to General Education 2000. MATH 111 or 115 and IMT 115 constitute the approved quantitative literacy requirement. MCT 295 is the approved information technology literacy requirement.

CURRENT CATALOG COPY

Industrial Automotive Technology Major (64 semester hours)

Required courses:

Industrial and Mechanical Technology: 103—3 hrs.; 130—2 hrs.; 132—3 hrs.; 233—3 hrs.; 329—3 hrs.; 333—3 hrs.; 334—3 hrs.; 335—3 hrs.; 336—3 hrs.; 337—3 hrs.; 430—1 hr.; 433—3 hrs.; 434—3 hrs.

Manufacturing and Construction Technology: 370 or 371—3 hrs.; 492—3 hrs.; 497—3 hrs.

Electronics and Computer Technology: 160—3 hrs

Mathematics: 111—3 hrs. or 115—3 hrs.

Physics: 101—3 hrs.; 101L—0 hr.

Chemistry: 100—3 hrs.; 100L—1 hr. or 105—3 hrs.; 105L—1 hr.

Management: 301—3 hrs.

Directed Electives: (3 hours from the following): Mathematics 301—3 hrs.; Industrial and Mechanical Technology 301—3 hrs.

*UNDERGRADUATE PROPOSALS – Program Revisions – Automotive Technology Management
Major: continued*

PROPOSED CATALOG COPY

**Automotive Technology Management Major
(68 semester hours)**

Required courses:

Industrial and Mechanical Technology: 103—3 hrs.; 130—2 hrs.; 132—3 hrs.; 215—3 hrs.; 233—3 hrs.; 329—3 hrs.; 333—3 hrs.; 334—3 hrs.; 335—3 hrs.; 336—3 hrs.; 337—3 hrs.; 430—1 hr.; 433—3 hrs.; 434—3 hrs.

Manufacturing and Construction Technology: 295—3 hrs.; 370 or 371—3 hrs.; 492—3 hrs.; 497—3 hrs.

Electronics and Computer Technology: 160—3 hrs

Mathematics: 111—3 hrs. or 115—3 hrs.

Physics: 101—3 hrs.; 101L—0 hr.

Chemistry: 100—3 hrs.; 100L—1 hr.

Management: 301—3 hrs.

**SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology
Mechanical Design Technology Major**

Executive Summary:

Change of course requirements to comply with GE2000. Computer Science 152 or 256 is being replaced with MCT 295. MCT 295 is the approved Information Technology Literacy course. The new name of IMT 301 is IMT 215. The program substitution for Quantitative Literacy is Math 11 or 115 and IMT 215.

Rationale:

IMT 405 is currently a restricted elective. It is proposed that IMT 405 (as a NAIT management course) would be required. IMT 405 Management and Estimating in Mechanical Technology is, according to our alums and advisory board, necessary content for the Mechanical Technology major. Therefore, it is proposed that IMT 405 be moved from the list of management electives (reducing the management electives to 3) to the list of required courses. The total hours in the major would not change.

CURRENT CATALOG COPY

**Mechanical Technology Major
(79 semester hours)***

Required courses:

*UNDERGRADUATE PROPOSALS – Program Revisions – Mechanical Design Technology Major:
continued*

Industrial and Mechanical Technology: 103--3 hrs.; 130--2 hrs.; 203--3 hrs.; 215--3 hrs.; 302--3 hrs.; 306--3 hrs.; 329--3 hrs.; 403--3 hrs.; 406--3 hrs.; 408--3 hrs.; 413--3 hrs.; 430--1 hr.

Manufacturing and Construction Technology: 370--3 hrs.; 371--3 hrs.; 473--3 hrs.

Electronics and Computer Technology: 160--3 hrs.

Mathematics: 111--3 hrs. or 115--3 hrs.

Science: Physics 105--3 hrs and 105L--1hr.; Chemistry 100--3 hrs. and 100L--1 hr.

English: 305T--3 hrs.

Health and Safety: 212--3 hrs.

Computer Science: 156--3 hrs. or 256--3 hrs.

Management Electives: 6 hours from Manufacturing and Construction Technology 374--3 hrs.; 471--3 hrs.; 478--3 hrs.; 492--3 hrs.; Industrial and Mechanical Technology 405--3 hrs.; 483--3 hrs.

Departmental Electives: 8 hours.

PROPOSED CATALOG COPY

**Mechanical Design Technology Major
(75 semester hours)***

Required courses:

Industrial and Mechanical Technology: 103--3 hrs.; 130--2 hrs.; 203--3 hrs.; 215--3 hrs.; 302--3 hrs.; 306--3 hrs.; 329--3 hrs.; 403--3 hrs.; 405--3 hrs.; 406--3 hrs.; 408--3 hrs.; 413--3 hrs.; 430--1 hr.

Manufacturing and Construction Technology: 295--3 hrs.; 370--3 hrs.; 371--3 hrs.; 473--3 hrs.

Electronics and Computer Technology: 160--3 hrs.

Mathematics: 111--3 hrs. or 115--3 hrs.

Science: Physics 105--3 hrs and 105L--1hr.; Chemistry 100--3 hrs. and 100L--1 hr.

English: 305T--3 hrs.

Health and Safety: 212--3 hrs.

Management Electives: 3 hours from Manufacturing and Construction Technology 374--3 hrs.; 471--3 hrs.; 478--3 hrs.; 492--3 hrs.; Industrial and Mechanical Technology 480--3 hrs.

Departmental Electives: 8 hours.

**SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology
Packaging Technology Major****Executive Summary and Rationale:**

Change of course requirements to comply with GE2000. Change of title to better reflect program content. The course requirements are being changed to comply with GE2000. MIS 276 is being replaced with MCT 295. MCT 295 is the approved Information Technology Literacy course. Currently, the program requires that Math 301 or IMT 301 be taken. The new name of IMT 301 is IMT 215. The Quantitative Literacy program substitution is MATH 111 or 115 and IMT 215.

UNDERGRADUATE PROPOSALS – Program Revisions – Packaging Technology Major: continued

CURRENT CATALOG COPY

Packaging Technology Major (77 semester hours)**Required courses:**

Industrial and Mechanical Technology: 103—3 hrs.; 130—2 hrs.; 282—3 hrs.; 284—3 hrs.; 329—3 hrs.; 333—3 hrs.; 380—3 hrs.; 381—3 hrs.; 383—3 hrs.; 384—3 hrs.; 430—1 hr.; 480—3 hrs.; 483—3 hrs.

Manufacturing and Construction Technology: 372—3 hrs.; 471—3 hrs.; 473—3 hrs.; 492—3 hrs.

English: 305T—3 hrs.

Management: 301—3 hrs.

Management and Information Systems: 276—3 hrs.

Mathematics: 111—3 hrs. or 115—3 hrs. and Industrial Mechanical Technology 301—3 hrs.

Chemistry: 100—3 hrs. and 100L—1 hr. or 105 – 3 hrs. and 105L –1 hr.

Physics: 105 —3 hrs.; 105L—1 hr.

Electives: Minimum of 6 hours from Industrial and Mechanical Technology 351—3 to 6 hrs.; 481-3 hrs.;

489—3 hrs.; Manufacturing and Construction Technology 478—3 hrs.

PROPOSED CATALOG COPY

Packaging Technology Major (74 semester hours)

Required courses:

Industrial and Mechanical Technology: 103—3 hrs.; 130—2 hrs.; 203--3 hrs.; 284—3 hrs.; 329—3 hrs.; 333—3 hrs.; 351--3 hrs.; 380—3 hrs.; 381—3 hrs.; 383—3 hrs.; 384—3 hrs.; 430—1 hr.; 480—3 hrs.; 483—3 hrs.

Manufacturing and Construction Technology: 295—3 hrs.; 372—3 hrs.; 471—3 hrs.; 473—3 hrs.; 492—3 hrs.

English: 305T—3 hrs.

Management: 301—3 hrs.

Mathematics: 111—3 hrs. or 115—3 hrs. and Industrial Mechanical Technology 215—3 hrs.

Chemistry: 100—3 hrs. and 100L—1 hr. or 105 – 3 hrs. and 105L –1 hr.

Physics: 105 —3 hrs. 105L—1 hr.

COURSE DELETIONS

SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology

IMT *439 Senior Project in Power and Automotive Technology – 2-3 hours. A project approved by the professor is planned and carried out by the student. The project must demonstrate an advanced level of professional competence in an area of power and

UNDERGRADUATE PROPOSALS – Course Deletions – IMT 439: continued

automotive technology and is carried out in consultation with one or more faculty advisors. Collaboration with representatives in industry, government agencies, or community institutions is encouraged.

**Course has a graduate level equivalent*

IMT 489 Senior Project in Packaging Technology—3 hours. A project approved by the instructor is planned and carried out by the student. The project must demonstrate an advanced level of professional competence in an area of packaging technology and be carried out in consultation with one or more faculty advisors. Collaboration with representatives in industry, government agencies, or community institutions is encouraged.

GRADUATE CURRICULUM PROPOSALS

NEW COURSES

SCHOOL OF Technology: Manufacturing and Construction Technology

MCT 720 Construction Management and the Regulatory Environment – 3 hours. This course examines building codes, statutes, covenants, and other regulations that affect construction projects. It presents a conceptual framework for the regulatory environment and examines the political process.

COURSE REVISIONS

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Health and Safety

HLTH 612 Epidemiology and Infection Control of Environments--3 hours. Epidemiology is the study of the following variables: cultural, geographical, ethological, religious, environmental, occupational, reservoirs, vectors, hosts, and how these variables may cause injury and disease. The scope of the course will also include the study of the natural history of disease and infection control as applied to the workplace, public health establishments, and health care facilities. In addition, statistical analysis and study of disease, including time, place, and person will be covered.

Change title and description to:

HLTH 612 Epidemiology – 3 hours. Epidemiology is the study of the distribution and determinants of health events among the human population in work place, community, and schools. Topics include: spectrum of diseases and injuries and their prevention; epidemiologic study designs, data collection, statistical analysis, presentation, and application in community diagnosis, risk assessment, and program evaluation.

GRADUATE PROPOSALS – Course Revisions: continued

SCHOOL OF TECNOLOGY

SOT 899 Dissertation--3 hours. A required course for all doctoral students. Offered by arrangement with the chairperson of the dissertation committee. Registration must be a total of 18 semester hours with 9 from Indiana State University and 9 from the Consortium University of the chair of the dissertation committee. Prerequisite: admission to candidacy.

Change credit hours and description to:

SOT 899 Dissertation—1-9 hours. The requirement for all doctoral students is 9 hours with ISU, a total of 18 hours is required. Offered by arrangement with the chairperson of the student's dissertation committee. Credit registration must have 9 hours of the 18 hours from ISU and 9 from the University of the dissertation chairperson. Select course subscript to match department of the advisor.

SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology

IMT *509 Research Project in Mechanical Technology--2-3 hours. A project approved by the

professor is planned and carried out by the student. The project must demonstrate an advanced level of design competency in mechanical technology and is performed in consultation with one or more faculty advisors. Collaboration with representatives of industry, government agencies, or community institutions is encouraged.

Change title and description to:

IMT *509 Research Project in Industrial Technology – 2-3 hours. A project approved by the professor is planned and carried out by the student. The project must demonstrate an advanced level of competency in the student's major and is performed in consultation with one or more faculty advisors. Collaboration with representatives of industry, government agencies, or community institutions is encouraged.

**Course has an undergraduate level equivalent*

COURSE DELETIONS

SCHOOL OF TECHNOLOGY: Industrial and Mechanical Technology

IMT *539 Research Project in Power and Automotive Technology--2-3 hours. A project approved by the professor is planned and carried out by the student. The project must demonstrate an advanced level of professional competence in an area of power and automotive technology and is carried out in consultation with one or more faculty advisors. Collaboration with representatives of industry, government agencies, or community institutions is encouraged.

**Course has an undergraduate level equivalent*

UNDERGRADUATE APPROVALS

NEW COURSES

SCHOOL OF HEALTH AND HUMAN PERFORMANCE: Recreation & Sport Management

RCSM 462 American Humanics Management Institute – 1 hour. This one hour course is specifically designed for students to attend the American Humanics Management Institute. AHMI is an annual conference held for students preparing for graduation with AH certification. The purpose of the annual AH Management Institute is to expose junior and senior AH students to experiences they will encounter while working in nonprofit organizations. Students participate in agency simulation, and workshops on current topics in the nonprofit sector, career exploration.

UNDERGRADUATE PROGRAM REVISIONS

SCHOOL OF EDUCATION: Curriculum, Instruction, & Media Technology

Multicultural Education Requirement for All-Grade Education

Executive Summary:

The list of courses approved to meet the multicultural education requirement in the undergraduate teacher education curriculum for All-Grade Education will be revised to include only EPSY 341, Education in a Multicultural Society. Seven other courses now shown in the undergraduate catalog will be dropped from the list.

Rationale:

In preparation for the November 1999 accreditation visit of the National Council for Accreditation of Teacher Education (NCATE), The Ad Hoc Committee on the Education of Culturally Diverse and Exceptional Populations was created by the University's Teacher Education Committee (TEC) in January 1996. One of the charges to the committee was to review the courses then approved to meet the multicultural education requirement in the undergraduate teacher education curriculum for All-Grade Education and to submit a recommendation regarding continuing the individual courses on the list of approved options or dropping them from the list. In its June 1998 report to the TEC the ad hoc committee recommended temporarily extending approval of six of the eight courses on the list until further data could be gathered on the effectiveness of the courses in preparing students for success as teachers of culturally diverse populations. The ad hoc committee's recommendation was approved by the TEC in October 1998. When the University was reviewed by the NCATE in November 1999, weaknesses were identified by the accrediting agency in five areas related to multicultural education and diversity issues. Aware of these deficiencies in the University's teacher education programs, the TEC decided in the fall of 2000 to create the AD Hoc Diversity Subcommittee to design and conduct a review of courses submitted for regular approval to

UNDERGRADUATE APPROVALS – Program Revisions – Multicultural Education Requirement for All Grade Education: continued

meet the multicultural education requirement in the undergraduate teacher education curricula. The demanding review process to be sued for approval of courses to meet this requirement was approved by the TEC in May 2001. Following submission of the required documentation for EPSY 341, the ad hoc subcommittee recommended approval of that course, and the recommendation was approved by the TEC in September 2001 for that course to remain on the list of options available to meet the multicultural education requirement. Despite several campus-wide announcements as early as August 2001 that proposals were being sought for approval of other course to met this requirement and despite a submission deadline in November 2001, the required documentation has been submitted for no course other than EPSY 341. Moreover, the departments which had earlier expressed an interest in submitting proposals have communicated decisions not to proposed courses for approval. Thus, the Department of Curriculum, Instruction, and Media Technology has decided to go forward with the curricular proposal formalizing the actions taken by the University's teacher Education Committee regarding the multicultural education

requirement in the undergraduate teacher education curriculum for All-Grade Education.

CURRENT CATALOG COPY

Multicultural Education

All students on teaching curricula must complete an approved multicultural education course. The courses which have been approved are listed below (General Education Liberal Studies category is noted where applicable):

College of Arts and Sciences

Communication

416 Cross-Cultural Communication--3 hours.

English

370 Introduction to Folklore--3 hours. [C1,E2]

373 American Folklore--3 hours. [D1,E2]

History

437 Race and Nationality in the United States--3 hours. (Also listed as Africana Studies 433.)

Political Science

210 Ethnic Groups in Politics--3 hours. [B1,E2]

Sociology

420 Minority Groups--3 hours. (Also listed as Africana Studies 423S.)

448 Social Psychology of the Disadvantaged--3 hours. (Also listed as Africana Studies 443.)

School of Education

Elementary and Early Childhood

442 Early Childhood: Cultural and Ethnic Awareness--3 hours.

Educational Psychology

341 Education in a Multicultural Society--3 hours. [E3]

UNDERGRADUATE APPROVALS – Program Revisions – Multicultural Education Requirement for All Grade Education: continued

PROPOSED CATALOG COPY

Multicultural Education

All students on teaching curricula must complete an approved multicultural education course. The only course currently approved by the University's Teacher Education Committee to meet this requirement is EPSY 341, Education in a Multicultural Society--3 hours. This course is also an approved United States Diversity course for the Multicultural Studies requirement of the University's General Education Program.

SCHOOL OF EDUCATION: Curriculum, Instruction, & Media Technology
Multicultural Education Requirement for Senior High-Junior High/Middle School Education

Executive Summary:

The list of courses approved to meet the multicultural education requirement in the undergraduate teacher education curriculum for Senior High-Junior High/Middle School Education will be revised to include only EPSY 341, Education in a Multicultural Society. Seven other courses now shown in the undergraduate catalog will be dropped from the list.

Rationale:

In preparation for the November 1999 accreditation visit of the National Council for Accreditation of Teacher Education (NCATE), The Ad Hoc Committee on the Education of Culturally Diverse and Exceptional Populations was created by the University's Teacher Education Committee (TEC) in January 1996. One of the charges to the committee was to review the courses then approved to meet the multicultural education requirement in the undergraduate teacher education curriculum for Senior High-Junior High/Middle School Education and to submit a recommendation regarding continuing the individual courses on the list of approved options or dropping them from the list. In its June 1998 report to the TEC the ad hoc committee recommended temporarily extending approval of six of the eight courses on the list until further data could be gathered on the effectiveness of the courses in preparing students for success as teachers of culturally diverse populations. The ad hoc committee's recommendation was approved by the TEC in October 1998. When the University was reviewed by the NCATE in November 1999, weaknesses were identified by the accrediting agency in five areas related to multicultural education and diversity issues. Aware of these deficiencies in the University's teacher education programs, the TEC decided in the fall of 2000 to create the AD Hoc Diversity Subcommittee to design and conduct a review of courses submitted for regular approval to meet the multicultural education requirement in the undergraduate teacher education curricula. The demanding review process to be sued for approval of courses to meet this requirement was approved by the TEC in May 2001. Following submission of the required documentation for EPSY 341, the ad hoc subcommittee recommended approval of that course, and the recommendation was approved by the TEC in September 2001 for that course to
UNDERGRADUATE APPROVALS – Program Revisions – Multicultural Education Requirement for Senior High-Junior High/Middle School Education: continued

remain on the list of options available to meet the multicultural education requirement. Despite several campus-wide announcements as early as August 2001 that proposals were being sought for approval of other course to meet this requirement and despite a submission deadline in November 2001, the required documentation has been submitted for no course other than EPSY 341. Moreover, the departments which had earlier expressed an interest in submitting proposals have communicated decisions not to proposed courses for approval. Thus, the Department of Curriculum, Instruction, and Media Technology has decided to go forward with the curricular proposal formalizing the actions taken by the University's teacher Education Committee regarding the multicultural education requirement in the undergraduate teacher education curriculum for Senior High-Junior High/Middle School Education.

CURRENT CATALOG COPY

Multicultural Education

All students on teaching curricula must complete an approved multicultural education course. The courses which have been approved are listed below (General Education category is noted where applicable):

College of Arts and Sciences

Communication

416 Cross-Cultural Communication--3 hours.

English

370 Introduction to Folklore--3 hours. [C1,E2]

373 American Folklore--3 hours. [D1,E2]

History

437 Race and Nationality in the United States--3 hours. (Also listed as Africana Studies 433.)

Political Science

210 Ethnic Groups in Politics--3 hours. [B1,E2]

Sociology

420 Minority Groups--3 hours. (Also listed as Africana Studies 423S.)

448 Social Psychology of the Disadvantaged--3 hours. (Also listed as Africana Studies 443.)

School of Education

Elementary and Early Childhood

442 Early Childhood: Cultural and Ethnic Awareness--3 hours.

Educational Psychology

341 Education in a Multicultural Society--3 hours. [E3]

PROPOSED CATALOG COPY

Multicultural Education

All students on teaching curricula must complete an approved multicultural education course. *UNDERGRADUATE APPROVALS – Program Revisions – Multicultural Education Requirement for Senior High-Junior High/Middle School Education: continued*

The only course currently approved by the University's Teacher Education Committee to meet this requirement is EPSY 341, Education in a Multicultural Society--3 hours. This course is also an approved United States Diversity course for the Multicultural Studies requirement of the University's General Education Program.

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Physical Education

Physical Education All Grade Major
Physical Education Sports Studies Major

Executive Summary and Rationale:

PE 201 Introduction to Physical Education (1 cr) is being revised and expanded to a 3 credit course. The information in the current course will be updated, and additional course material will be included from PE 301 Foundations of Physical Education (2 cr). PE 301 will remain a viable course until all students who need this course have fulfilled this requirement. Subsequently, PE 301 will be either banked or deleted. The total credit hours for the major will not change as a result of this curricular action. The expansion and updating of PE 201 allows this course to serve as a more substantial cornerstone course for all majors in Physical Education. In particular, PE 201 provides early, intensive writing experiences in order to gain a baseline on student writing capabilities for student outcomes assessment. In addition, the course allows All Grade majors to reach a performance outcome listed in the INTASC and content teaching standards now required in Teacher Education programs.

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Physical Education All Grade Major (52 semester hours)

Required Skill Proficiencies (15 semester hours)

Required Aquatic Activities: One of the following: 107--1 hr., 108--1 hr., 164--1 hr; or competency

Required Net Sports Activity: 211—2 hrs.

Required Fitness Activity: 217—2 hrs.

Required Dance: 213—2 hrs.

Required Territorial Sports Activity: 212—2 hrs.

Required Recreational Activity: 216—2 hrs.

Required Gymnastics: 215—2 hrs.

Required Elementary Activity: 214—2 hrs.

Theory and Methods (37 semester hours)

Physical Education (35 semester hours) 201--1 hr.; 266--3 hrs.; 290—3 hrs.; 301---2 hrs.; 302—3 hrs.; 310—3 hrs.; 366--3 hrs.; 380--4 hrs.; 430--2 hrs.; 442--3 hrs.; 466--3 hrs.; 480--4 hrs.; Athletic Training 202—1 hr.

Coaching/Teaching (2 semester hours)

UNDERGRADUATE APPROVALS – Program Revisions – Physical Education All Grade Major and Sports Studies Major: continued

Two hours of electives to be selected from 300-400 level courses. Maximum of 2 hours may coaching theory. Practicum may be taken twice in two different sports. Water Safety **b**
Instructor is required to coach swimming in Indiana.

Required Cognate Courses (4-6 semester hours)

Athletic Training 210--2 hrs.; Physical Education 220--2 hrs. or Life Sciences 231--3 hrs.; 231L- 4

hr.; 241--3 hrs.; 214L--1 hr.

Required Professional Education (5 semester hours)

Physical Education 391--2 hrs.; 497--3 hrs. Physical Education 391--2 hrs. is required in the All Grade Professional sequence described in the Department of Curriculum, Instruction, and Media Technology.

Physical Education Sports Studies Major
(52-55 semester hours)

The Physical Education Sports Studies Major provides a cross discipline choice of courses to meet student career interests. This curriculum is designed specifically for students interested in careers such as fitness specialists, exercise physiologists, fitness center managers, and geriatric fitness specialists.

Students must have at least sophomore standing, at least 12 hours completed at ISU, and a minimum 2.5 GPA in the major before applying for the program. After admission to the program, each student's curriculum must be approved by designated individuals.

To graduate with a major in sports studies, students must have a minimum GPA in the major of 2.5 and no grade less than a C in all courses required in the sports studies curriculum.

Required courses (26-29 semester hours): 201--1 hr.; 301--2 hrs.; 380--4 hrs.; 390--1 hr.; 480--4 hrs.; 490--3-6 hrs.; five hours of physical education activity classes; Athletic Training 210—2 hrs. and Physical Education 220—2 hrs.; or Life Sciences 231--3 hrs.; 241--3 hrs.

Directed Electives in Physical Education (14 semester hours): At least 10 hours must be in upper division level courses.

Support Courses (12 semester hours): Support courses are to be chosen from departments other than physical education and are to provide depth and/or breadth to the major.

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Physical Education All Grade Major (52 semester hours)

Required Skill Proficiencies (15 semester hours)

Required Aquatic Activities: One of the following: 107--1 hr., 108--1 hr., 164--1 hr; or competency

Required Net Sports Activity: 211—2 hrs.

Required Fitness Activity: 217—2 hrs.

Required Dance: 213—2 hrs.

UNDERGRADUATE APPROVALS – Program Revisions – Physical Education All Grade Major and Sports Studies Major: continued

Required Territorial Sports Activity: 212—2 hrs.

Required Recreational Activity: 216—2 hrs.

Required Gymnastics: 215—2 hrs.

Required Elementary Activity: 214—2 hrs.

Theory and Methods (37 semester hours)

Physical Education (35 semester hours) **201--3 hrs.**; 266--3 hrs.; 290—3 hrs.; 302—3 hrs.; 310—3 hrs.; 366--3 hrs.; 380--4 hrs.; 430--2 hrs.; 442--3 hrs.; 466--3 hrs.; 480--4 hrs.; Athletic Training 202—1 hr.

Coaching/Teaching (2 semester hours)

Two hours of electives to be selected from 300-400 level courses. Maximum of 2 hours may be coaching theory. Practicum may be taken twice in two different sports.

Water Safety Instructor is required to coach swimming in Indiana.

Required Cognate Courses (4-6 semester hours)

Athletic Training 210--2 hrs.; Physical Education 220--2 hrs. or Life Sciences 231--3 hrs.; 231L- 4 hr.; 241--3 hrs.; 214L--1 hr.

Required Professional Education (5 semester hours)

Physical Education 391--2 hrs.; 497--3 hrs. Physical Education 391--2 hrs. is required in the All Grade Professional sequence described in the Department of Curriculum, Instruction, and Media Technology.

Physical Education Sports Studies Major (52-55 semester hours)

The Physical Education Sports Studies Major provides a cross discipline choice of courses to meet student career interests. This curriculum is designed specifically for students interested in careers such as fitness specialists, exercise physiologists, fitness center managers, and geriatric fitness specialists.

Students must have at least sophomore standing, at least 12 hours completed at ISU, and a minimum 2.5 GPA in the major before applying for the program. After admission to the program, each student's curriculum must be approved by designated individuals.

To graduate with a major in sports studies, students must have a minimum GPA in the major of 2.5 and no grade less than a C in all courses required in the sports studies curriculum.

Required courses (26-29 semester hours): **201--3 hrs.**; 380--4 hrs.; 390--1 hr.; 480--4 hrs.; 490--3-6 hrs.; five hours of physical education activity classes; Athletic Training 210—2 hrs. and Physical Education 220—2 hrs.; or Life Sciences 231--3 hrs.; 241--3 hrs.

Directed Electives in Physical Education (14 semester hours): At least 10 hours must be in upper division level courses.

Support Courses (12 semester hours): Support courses are to be chosen from departments other than physical education and are to provide depth and/or breadth to the major

UNDERGRADUATE APPROVALS: continued

UNDERGRADUATE PROGRAMS TO BE BANKED

**SCHOOL OF HEALTH & HUMAN PERFORMANCE: Physical Education
Coaching Education Minor**

Executive Summary and Rationale:

The department of Physical Education would like to bank the Coaching Education Minor due to changes of the Indiana Professional Standards Board (ISPB)

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Coaching Education Minor (22 semester hours)

This minor has been designed for the non-physical education major/minor. It is designed for other teacher education majors/minors who will be licensed teachers in the public schools. These future teachers may also be the major cadre of coaches within public schools by the turn-of-the-century. The Coaching Education Minor will prepare them for the responsibilities of a coach.

Required Courses (22 semester hours): 266--3 hrs.; 312--2 hrs.; 366--3 hrs.; 401--3 hrs.; 402--2 hrs.; 403--3 hrs.; 404--3 hrs. and any two of the following: 331, 410, 421--2 hrs.

Exit Competencies:

1. A current American Red Cross Standard First Aid and Adult CPR Certification.
2. ACEP or PACE Certification

Note: Those students completing the Coaching Education Minor will also meet the requirements for a Coaching Endorsement. The Coaching Endorsement requirements are as follows:

Non-major 15 semester hours: 401--3 hrs., 402--1 hr., 403--3 hrs., 404--3 hrs., and any two of the following: 331, 410, 421--2 hrs.

Major 12 semester hours: 401--3 hrs., 402--1 hr., and any two of the following: 331, 410, 421--2 hrs.

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None. Minor will be banked.

GRADUATE APPROVALS

COURSES TO BE BANKED

COLLEGE OF ARTS & SCIENCES: African & African American Studies

- AFRI 591** **International Relations of Africa--3 hours.** An examination of the role of African states in world politics. Emphasis will be placed on north-south, east-west, and inter-African relations. (Also listed as Political Sciences 575).
- AFRI 594** **African Politics--3 hours.** An analysis of African governments and politics through the use of comparative analytical methods. Analyses will include Nigeria, Kenya, Tanzania, and South Africa. (Also listed as Political Science 588).
- AFRI 645** **Seminar on the African American Woman--3 hours.** The African American woman in the struggle for equality, dignity, and honor for African people must be placed in the center of historical achievements. This graduate seminar on the African American woman will provide an exhaustive treatment of theories relating to the role of the African American woman and her location in the Africological framework from the standpoint of agency. Topics will include the historic role of the African American woman in society, gender bias within the African American community, feminism, Africana womanism, sexism, classism, and racism and the future of the African woman in America.

COLLEGE OF ARTS & SCIENCES: Art

- ARTH 580** **Sociocultural Aspects of Art--3 hours.** The relation of art forms, styles, techniques, and systems to the sociocultural milieu. May be repeated once for credit, assuming a change in topic.
- ARTH 584** **Study in Art History Abroad--1-6 hours.** Tours designed as an introduction to the history and appreciation of the arts of selected countries. Research paper required on a specific related topic.
- ARTS 600C** [no description available]
- ARTS 600L** [no description available]
- ARTS 601C** [no description available]
- ARTS 601L** [no description available]
- ARTS 625** [no description available]
- ARTS 626** [no description available]

GRADUATE APPROVALS - Courses to be Banked: continued

ARTS 627 [no description available]

COLLEGE OF ARTS & SCIENCES: Communications

COMM 514D [no description available]

COMM 514I [no description available]

COMM 514K [no description available]

COMM 514N [no description available]

COMM 514W [no description available]

COLLEGE OF ARTS & SCIENCES: English

ENG 539Q [no description available]

ENG 574B [no description available]

ENG 601C [no description available]

ENG 601D [no description available]

ENG 601 E [no description available]

ENG 601 F [no description available]

ENG 612 [no description available]

ENG 649U [no description available]

ENG 660 **Studies in Shakespeare --3 hours.** Selected plays and the biographical, literary, and theatrical background of Shakespeare's work.

ENG 669I [no description available]

ENG 792B [no description available]

ENG 792D [no description available]

ENG 792E [no description available]

COLLEGE OF ARTS & SCIENCES: Family & Consumer Sciences

- FCS 515** **Resist Techniques in Surface Design--3 hours.** An exploration of resist techniques in surface design on textiles using chemical dye processes. Shibori techniques of fold and clamp, stitch, pole-wrapping, and binding resists, batik, and hand painting will be covered. Prerequisites: 101 or Art 102, Family and Consumer Sciences 217, or consent of instructor.
- FCS 528L** **[no description available]**
- FCS 539** **Organization and Administration of Preschool Centers--3 hours.** Philosophy and management of day care centers, cooperative nursery schools, and Head Start programs; home and community relationships. Prerequisite: 438-538 or Educational Psychology 342 or consent of instructor.
- FCS 544** **Changing Roles of Women--3 hours.** The changing and multiple roles of women in Western society; implications for family life, personal development, and education. Prerequisites: Educational Psychology 202, Sociology 120, or consent of instructor.
- FCS 552** **Interior Design Studio V—3 hours.** Capstone Senior project incorporating advanced problem solving techniques, technical knowledge, oral and visual communication skills in a comprehensive design solution.
- FCS 624** **Methods of Nutritional Investigation--3 hours.** Introduction to techniques of nutritional research. Includes laboratory. Prerequisite: 420 or equivalent.
- FCS 642** **Literature and Films in Family Life Education--3 hours.** Current teaching materials and their use in the teaching of family life education. Prerequisite: 336 or 438-538 or consent of instructor.
- FCS 676** **Readings in Family and Home Management--3 hours.** Intensive investigation of literature related to a particular phase of family economics or home management. Prerequisite: consent of instructor.
- FCS 678** **Research Problems in Family Economics and Home Management--3 hours.** Critical evaluation of research procedures and findings and introductory experiences in research design. Prerequisites: 471-571; 675 or 677; and Curriculum, Instruction, and Media Technology 610.
- FCS 679** **Family Economic Behavior--3 hours.** An examination of the family with particular emphasis on consumption, life styles, values, social stratification, and economic behavior.

FCS 681 **Administrative Techniques of Coordinating Cooperative Education--2 hours.**
GRADUATE APPROVALS - Courses to be Banked – FCS 681: continued

Emphasis on the improvement of coordination techniques for cooperative vocational education. Training plans are analyzed and related to classroom instruction. Every aspect of improving and maturing a cooperative education program is considered. Prerequisite: 498-598 or equivalent. (Also listed as ASBE 681 and Industrial Technology Education 680.)

FCS 684 **Evaluation in Total Vocational Education Programs --3 hours.** Standards, criteria, and instruction for self-study, program approval, and accreditation of total vocational education; national evaluation materials as well as state and self-study materials. Prerequisite: consent of instructor. (Also listed as ASBE 684 and Industrial Technology Education 684.)

FCS 699C [no description available]

FCS 699D [no description available]

FCS 699E [no description available]

FCS 699F [no description available]

FCS 778 [no description available]

COLLEGE OF ARTS & SCIENCES: Geography, Geology, & Anthropology

GEOG 521 [no description available]

GEOG 525 [no description available]

GEOG 526 [no description available]

GEOG 530 [no description available]

GEOG 534 [no description available]

GEOG 538 [no description available]

GEOG 539 [no description available]

GEOG 720 [no description available]

GEOG 723 [no description available]

GRADUATE APPROVALS - Courses to be Banked: continued

COLLEGE OF ARTS & SCIENCES: History

HIS 505 Biography as History--3 hours. A study of the role of the individual in history through analysis of biographical and autobiographical materials.

HIS 557 Europe in the Age of Revolution, 1750-1850--3 hours. A topical approach to the political, industrial, and cultural revolutions which wrenched European society out of its traditional mold and gave it its modern form. The world before the Revolution and the new social, political, and cultural ideals of revolutionaries and romanticists will be stressed.

HIS 565 England to 1688--3 hours. This course traces the origins of English political culture, social structure, and national identity from the Roman occupation through the Glorious Revolution. Among the topics treated are successive invasions to 1066, feudalism, medieval kingship, the role of women, popular revolts, religious ideology, and political reformation.

COLLEGE OF ARTS & SCIENCES: Languages, Literatures, & Linguistics

FREN 656 [no description available]

GERM 503A [no description available]

GERM 503B [no description available]

GERM 503C [no description available]

SPAN 500 Stylistics--3 hours. A study of essential Spanish morphology, syntax, semantics, and linguistics as reflected in some representative authors.

COLLEGE OF ARTS & SCIENCES: Mathematics & Computer Science

CS 566 Systems Analysis--3 hours. An introduction to systems analysis, decision tables, problem definition and classification, data collection and analysis, systems planning. Prerequisite: 452-552.

CS 591 The Use of Microcomputers in the Classroom for the Secondary Computer Teacher--3 hours. Development of computer curricula, computer-related courses, and microcomputer laboratories. Emphasizes the analysis, selection, and use of microcomputer

systems and software. Prerequisite: 151 or equivalent.

CS 657 Theory of Data Bases--3 hours. Several aspects of data base theory will be covered, including data dependencies and normal forms, incomplete knowledge bases, semantic and functional data models, and query languages. Prerequisite: 457-557.

GRADUATE APPROVALS - Courses to be Banked: continued

MATH 532 Advanced Calculus--3 hours. Functions of several real variables, transformations, differentiation, integration, inverse function theorem, implicit function theorem, and an introduction to calculus in manifolds. Prerequisite: 410-510.

MATH 627 Topology II--3 hours. Further study of topological spaces; topics include metric spaces, quotient spaces, function spaces, localization of topological properties, continua, and the fundamental group. Prerequisite: 426-526.

COLLEGE OF ARTS & SCIENCES: Music

MUS 537 Advanced Percussion Techniques--1 hour. Development of playing skills for timpani, mallet instruments, and accessory percussion instruments, including methods for teaching them. Prerequisite: 423 or comparable skills.

MUS 645 Interpretive Analysis--3 hours. Performance as a function of the aural perception of musical structure and the interdependence of the elements of music. Performance practices of different periods will be stressed, emphasizing phrasing, articulation, ornamentation, dynamics, and tempo. Prerequisite: satisfactory score on the Graduate Placement Examination in Music Theory or successful completion of 601.

MUS 663 Advanced Instrumental Conducting--2 hours. Analysis and solving of technical and musical problems in conducting major orchestral and/or band compositions. Contemporary and standard works are studied. Performance when possible. Prerequisite: 382 or equivalent, or consent of instructor.

COLLEGE OF ARTS & SCIENCES: Philosophy

PHIL 505 Symbolic Logic--3 hours. An examination of several important branches of modern logic, including truth-functional logic and quantificational logic.

PHIL 520 Theory of Knowledge--3 hours. Alternative theories of the origin, nature, and possibility of knowledge. An introduction through classical and contemporary texts to the problems of perception, experience, reasoning, logical inference, *a priori* knowledge, testability, and presupposition.

PHIL 590 **Independent Study in Philosophy--1-3 hours.** Arranged literature and consultation on philosophic topics. May be repeated for credit with a change in the independent study project.

COLLEGE OF ARTS & SCIENCES: Physics

PHY 561 **Laser Physics--3 hours.** Fundamentals of the interaction of electromagnetic radiation with matter, with special emphasis on problems relating to lasers. Topics

GRADUATE APPROVALS - Courses to be Banked – PHY 561: continued

include: atom field interaction, stimulated emission, laser theory, specific laser systems, and laser applications. Each student is also expected to participate in a project and deliver a seminar on the results of the work. Prerequisite: 496.

PHY 573 **Nuclear Physics Laboratory--2 hours.** Selected experiments in the characterization of nuclear radiation; beta and gamma ray spectroscopy, neutron physics. Prerequisite: successful completion of, or concurrent enrollment in, 593.

COLLEGE OF ARTS & SCIENCES: Psychology

PSY 601 **Foundations of Psychological Research--3 hours.** The basic aspects of behavioral research: scientific methodology, measurement, methods of observation and data collection, statistical analyses, design of experiments, interpretation of and generalization from data.

PSY 632 **[no description available]**

PSY 642 **Perception--3 hours.** Problems and methods in the study of selected sensory and perceptual processes, with emphasis on contemporary theory and research.

PSY 645 **Seminar in Cognitive Psychology--3 hours.** Research is reviewed which emphasizes the human capacities for processing information. Prerequisite: consent of instructor.

PSY 672 **Case Management--3 hours.** Supervised clinical work addressing the management of a variety of clinical problems. Prerequisites: 665C and consent of instructor.

COLLEGE OF ARTS & SCIENCES: Sociology

SOC 525 **The Black Community--3 hours.** An analysis of the Black community, with an emphasis on internal and external social, political, and historical mechanisms contributing to its creation and maintenance. Prerequisite: 6 hours of sociology or consent of instructor.

SOC 581 **Social Change--3 hours.** The meaning of social change; techniques and process of change; areas of change; differential rate of change; and impact of change on humans and

their institutions. Prerequisite: 6 hours of sociology or consent of instructor.

SOC 583 Sociological Theory--3 hours. The meaning and purpose of theory and its relationship to empirical research. Specific consideration of contemporary theories--monistic, biological, psychological, ecological, culturological--and their convergence and synthesis. Prerequisite: 6 hours of sociology or consent of instructor.

GRADUATE APPROVALS - Courses to be Banked: continued

COLLEGE OF ARTS & SCIENCES: Theater

THTR572 Theater Management--3 hours. A survey of the history, goals, and methods of theater management at the community, university, and professional levels. Special attention will be placed on the areas of staffing, budgeting, and audience relations.

COLLEGE OF ARTS & SCIENCES: Women's Studies

WS 601 Special Topics in Women's Studies—3 hours. Critical reading in and analysis of a selected topic in women's studies. Topics will vary depending on the instructor.

SCHOOL OF BUSINESS

MBA 601 Graduate Survey of Finance and Accounting--4 hours. This course provides an integrated overview of the areas of finance and accounting needed for further study in the M.B.A. Program. Topics include financial structures, assets management, dividend policy, and capital budgeting as they relate to a firm's business decisions. The course also introduces students to accounting principles and practices as applied to financial accounting with an emphasis on understanding and using accounting financial statements. This course is not open to students who have taken Accounting 600 or Finance 635.

SCHOOL OF BUSINESS: Analytical

ACCT 505 Advanced Federal Income Taxation--3 hours. An advanced course in principles of federal taxation dealing with property transactions, partnerships, corporations, and S corporations. Prerequisite: 12 hours of accounting with a C grade or better, or consent of instructor.

ACCT 620 Accounting for Technical Managers --3 hours. An introduction to accounting principles and practices as related to financial and managerial accounting. The uses of accounting information and the means by which pertinent accounting data are gathered and analyzed for internal purposes and management decisions are covered. The focus of this course will be on the technical environment. This course is not open to students admitted to the

M.B.A. program.

FIN 621 Financial Management in a Technical Environment--3 hours. This course provides a comprehensive survey of financial concepts, techniques, instruments, and procedures which are related to the financial structure, assets management, dividend policy, and the capital budgeting decisions of the firm. Basic skills in financial analysis are developed. Operations of domestic and international financial markets are covered. This course is not open to students admitted to the M.B.A. program. Prerequisite: Accounting 620.

GRADUATE APPROVALS - Courses to be Banked: continued

QDS 605 Graduate Survey of Business Statistics--3 hours. Basic course in descriptive and inductive statistics for those graduate business students who have an inadequate undergraduate background in this subject.

QDS 624 Production and Operations Management--3 hours. A study of current issues and methods used in the management of the production of goods and services in the modern enterprise, with emphasis on the need to apply appropriate strategies and methods in different and frequently changing environments in a global setting. Topics considered include modern methods of production scheduling and control and inventory management, such as MRP II, just-in-time production, and OPT; the management of quality including statistical process control and Deming approach; computer integrated manufacturing; and development of manufacturing strategies and tactics which are consistent with overall company objectives. Students cannot receive credit for both 624 and 685.

QDS 636 Graduate Survey of Quantitative Methods and Management Science--3 hours. Comprehensive introductory course emphasizing basic quantitative methods and their manipulation in the analysis of managerial problems for decision-making purposes.

QDS 652 Quantitative Management--3 hours. Covers selected management science topics such as inventory management, Bayesian decision-making, linear programming, game theory, Markov analysis, queuing theory, simulation, and critical path analysis. Prerequisites: 615, 636.

QDS 680 Research in Business--3 hours. The application of business research technique and procedure to a problem within the student's area of concentration. Open only to graduate majors in business.

QDS 685 Operations Management--3 hours. An analytical approach with quantitative models and systems theory is used to offer students a foundation for continued learning. Covers the core area of production in the M.B.A. program. Prerequisites: 605, 636, and Management 632.

SCHOOL OF EDUCATION: Communication Disorders & Special Education

CD 505 [course description not available]

CD 595A [course description not available]

CD 695 **Research in Communication Disorders--3 hours.** An intensive study of research relating to communication disorders.

SPED 617 **Instructional Techniques with the Multiple Handicapped--3 hours.** Innovative techniques to be used in the training and education of the multiply handicapped. Both *GRADUATE APPROVALS - Courses to be Banked – SPED 617: continued*

child and adult rehabilitation services will be studied. Prerequisites: 601, 602, 603, 604, 613, 616, or concurrent enrollment.

SPED 619 **Case Studies in Emotional Disturbance--3 hours.** Case studies will be discussed in depth in order to familiarize students with the many factors and concepts which must be considered to understand emotional disturbance. Prerequisites: 601, 602, 603, 604, and 618.

SPED 678 **Advanced Practicum with the Educationally Handicapped--3 hours.** This course builds upon prior practicum experiences gained from working with emotionally disturbed children and learning disabled children separately. The aim is to provide advanced practicum experience working with children who may be classified as emotionally disturbed, learning disabled, or a combination of both. Prerequisites: 576, 577, 676, 677, or their equivalents.

SPED 891 **Internship--2-6 hours.** A practicum designed to provide direct, supervised experiences for advanced graduate students, usually in the area of the specialization. The experiences are tailored to the needs of the student. The area in which the internship is taken will be designated on the student's transcript.

SCHOOL OF EDUCATION: Counseling

COUN 595-A-S **Topics in Counseling--1/2-3 hours.** This course is devoted at each offering to the study of a contemporary problem, trend, or innovative development in counseling, such as (a) Gestalt counseling, (b) individual psychology, and (s) human sexuality. May be repeated if a different topic is studied.

COUN 595T [no description available]

COUN 595V [no description available]

COUN 595W [no description available]

COUN 595Z [no description available]

COUN 632A [no description available]

COUN 632C [no description available]

COUN 632D [no description available]

COUN 632F [no description available]

COUN 632K [no description available]

GRADUATE APPROVALS - Courses to be Banked: continued

COUN 632L [no description available]

COUN 632P [no description available]

COUN 632Q [no description available]

COUN 632S [no description available]

COUN 632W [no description available]

COUN 632X [no description available]

COUN 734 **Practicum in Group Counseling--3 hours.** Supervised experience in group counseling in a school or agency setting, together with seminar discussions, interview analyses, and individual conferences. Prerequisites: 634 and 733 and/or consent of instructor.

COUN 793-A,C,D,M **Supervised Field Work--1-3 hours.** Experience in an appropriate school or agency under professional supervision provided by the school or agency and Indiana State University. Designed to provide the student with experiences requiring an increasing degree of self-direction and responsibility. May be repeated.

SCHOOL OF EDUCATION: Educational Leadership, Administration, and Foundations

ELAF 509 **Field Seminar in International Education--3 hours.** Overseas field seminar to study educational cultural problems in selected foreign countries. May be repeated with consent of Department Chairperson for maximum of 6 hours.

ELAF 799 **Advanced Thesis--6 hours.** For candidates for the educational specialist degree. Offered by arrangement with the chairperson of the student's thesis committee.

ELAF 898 **Doctoral Student Seminar--1 hour.** Designed to provide all doctoral students in the School of Education opportunities to criticize each other's research, to hear presentations by scholars in their own and others' areas of education, and to receive guidance in their progress toward their degrees. (Doctoral students will register for the course their first semester in residence and will continue to attend so long as they are on campus.)

SCHOOL OF EDUCATION: Elementary and Early Childhood Education

ELED 580 **Introduction to Reading--3 hours.** Exploration of the field of developmental reading as an area of study. The course is designed to acquaint students with the breadth of concerns of the elementary and middle school reading teacher.

GRADUATE APPROVALS - Courses to be Banked: continued

ELED 591 **Diagnostic and Corrective Reading Procedures in the Classroom--3 hours.** Analysis, diagnosis, prescription, and correction of developmental reading problems in the elementary and middle school classroom. Required laboratory work involves experiences with pupils at the appropriate age levels. Course is not open to students having taken 398 or equivalent. Prerequisite: foundations course in reading.

ELED 595 **Topics in Education (A-F,H-Z)--1-3 hours.** This course explores a contemporary topic or innovative development in elementary education. May be repeated if different topic is studied, but no more than 6 semester hours may be counted toward degree requirements.

SCHOOL OF EDUCATION: Educational and School Psychology

EPSY 528 [no description available]

EPSY 598 **Individual Study in Educational Psychology--1-3 hours.** Research and reading to meet the needs of the student. Elected on an arranged basis upon approval of the Chairperson of the Department and instructor.

EPSY 725 **Advanced Educational Psychology--3 hours.** The psychology of learning, personality, and individual differences applied to specific problems encountered in schools. Feasibility and operationality of solutions will be given special attention.

SPSY 541 [no description available]

SCHOOL OF HEALTH & HUMAN PERFORMANCE: Recreation & Sport Management

- RCSM 601** [no description available]
- RCSM 602** [no description available]
- RCSM 603** [no description available]
- RCSM 605** [no description available]
- RCSM 606** [no description available]
- RCSM 607** [no description available]
- RCSM 609** [no description available]
- RCSM 650** [no description available]

GRADUATE APPROVALS - Courses to be Banked: continued

- RCSM 664** [no description available]
- RCSM 665** [no description available]
- RCSM 666** [no description available]
- RCSM 667** [no description available]
- RCSM 668** [no description available]
- RCSM 669** [no description available]
- RCSM 670** [no description available]
- RCSM 671** [no description available]
- RCSM 672** [no description available]
- RCSM 680** [no description available]
- RCSM 681** [no description available]
- RCSM 682** [no description available]
- RCSM 683** [no description available]

RCSM 684 [no description available]

COURSES DELETIONS

COLLEGE OF ARTS & SCIENCES: Communications

JOUR 500 **Advanced Reporting--3 hours.** Reporting complex events and issues in depth.

JOUR 510 **Color Photojournalism--3 hours.** Planning, shooting, and printing news pictures; writing cutlines; the techniques of the color picture story. Prerequisite: 371.

JOUR 514E [no description available]

JOUR 589A [no description available]

GRADUATE APPROVALS - Courses to be Deleted: continued

COLLEGE OF ARTS & SCIENCES: Geography, Geology, & Anthropology

GEOL 681 [no description available]

COLLEGE OF ARTS & SCIENCES: Humanities

HUM 645B [no description available]

HUM 645D [no description available]

COLLEGE OF ARTS & SCIENCES: Languages, Literatures, & Linguistics

FREN 562 [no description available]

FREN 589 [no description available]

FREN 592 [no description available]

FREN 690 [no description available]

FREN 699 [no description available]

LAT 501 [no description available]
LAT 503 [no description available]
LAT 504 [no description available]
LAT 506 [no description available]
LAT 507 [no description available]
LAT 510 [no description available]
LAT 511 [no description available]
LAT 512 [no description available]
LAT 513 [no description available]
LAT 514 [no description available]
LAT 515 [no description available]

GRADUATE APPROVALS - Courses to be Deleted: continued

LAT 516 [no description available]
LAT 517 [no description available]
LAT 518 [no description available]
LAT 540 [no description available]
LAT 550 [no description available]
LAT 589 [no description available]
LAT 607 [no description available]
LAT 690 [no description available]
LAT 699 [no description available]

SPAN 557 **Golden Age Novel**--3 hours. The major prose works of the Renaissance and Baroque

styles; the pastoral, chivalric, and picaresque novels.

SPAN 607 Research and Bibliography in the Teaching of Spanish--3 hours. A study of traditional and new bibliographical resources dealing with research and methodology in the teaching of foreign languages in general and Spanish in particular.

COLLEGE OF ARTS & SCIENCES: Philosophy

PHIL 530W [no description available]

COLLEGE OF ARTS & SCIENCES: Physics

PHY 525 Computer Image Generation—3 hours. Principles of computer graphics, enabling the student to understand and implement the fundamental algorithms of interactive computer graphics. Topics covered include line drawing algorithms, clipping, three dimensional graphics, and the hidden line problem.

PHY 526 Computer Image Processing—3 hours. Fundamentals of image processing with applications to include thermography and satellite images. Topics include edge detection, texture recognition, Fourier transform techniques, image enhancement, and image restoration. Prerequisite: Math 335.

COLLEGE OF ARTS & SCIENCES: Political Science

PSCI 500D Topics in American Government and Politics: Legal Research--3 hours. In this *GRADUATE APPROVALS - Courses to be Deleted – PSCI 500D: continued*

course, students will learn to conduct legal research both manually and electronically. They will also be introduced to brief writing.

PSCI 540 Topics in Political Theory/Methodology--3 hours. An examination of selected topics and problems in political theory and methodology.

PSCI 696 Workshop in Practical Politics--2 hours. Intensive analysis of selected topics in American government and politics with emphasis on the practical applications. Importance placed on preparation, presentation, and criticism of seminar projects. Prerequisites: teaching experience, prior consent of the instructor, and completion of departmental proposal/approval form.

PA 660 [no description available]

PA 661 [no description available]

COLLEGE OF ARTS & SCIENCES: Psychology

PSY 590C** [no description available]

PSY 590D** [no description available]

PSY 590E** [no description available]

PSY 590F** [no description available]

PSY 590K** [no description available]

PSY 590L** [no description available]

PSY 690C*** [no description available]

PSY 690G*** [no description available]

PSY 690K*** [no description available]

PSY 690M***[no description available]

PSY 690O***[no description available]

PSY 690P***[no description available]

PSY 690X***[no description available]

GRADUATE APPROVALS - Courses to be Deleted: continued

PSY 697C [no description available]

SCHOOL OF EDUCATION: Curriculum, Instruction, & Media Technology

CIMT 799 **Advanced Thesis--6 hours**. For candidates for the educational specialist degree. Offered by arrangement with the chairperson of the student's thesis committee.

SCHOOL OF EDUCATION: Educational, Leadership, Administrations, & Foundations

ELAF 507 **Power of Dynamics in Education--3 hours**. History, theory, psychology, and sociology are applied to the study of the types and kinds of power. Emphasis is given to the techniques of personal power. The bureaucratic system is contrasted with alternative power forms.

ELAF 508 **Schooling and Minority Ethnic Groups --3 hours**. Attention is given to the mechanisms

and techniques in adjusting schooling to the unique problems of minority groups in the school-community setting. Application will deal with methodology, curriculum, administration, and innovative procedures.

ELAF 571 Seminar in Urban Education--3 hours. Designed to introduce the student to historical, sociological, psychological, and political factors affecting urban education and resulting educational practices.

CORRECTIONS

The following is a correction of the text that appeared as a **APPROVAL** in the April 1, 2002 issue of *Academic Notes*. The corrected portion is shown in [*bold-italics with bold-italic brackets*].

UNDERGRADUATE APPROVALS

COURSE REVISIONS

COLLEGE OF ARTS & SCIENCES: Life Sciences

LIFS *426 Ornithology – 2 hours. Lectures on North American birds. Identification by sight and song and life history are included. Prerequisites: 102 and successful completion of or concurrent enrollment in 426L. Offered: spring.

Change credit hours to:

LIFS *426 Ornithology – 3 hours. Lectures on North American birds. Identification by sight and song and life history are included. Prerequisites: 102 and successful completion of or concurrent enrollment in [**426L**]. Offered: spring.

**Course has a graduate level equivalent*