Academic Notes

** SPECIAL NOTICES **

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SPRING 2008

Below is the circulation schedule for the electronic copy of *Academic Notes* through May 5, 2008. **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/acad-aff/79.html**

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SPRING 2008

Deadline for Items	Issue Date
February 6	February 11
February 13	February 18
February 20	February 25
February 27	March 3
March 5	March 10
March 12	March 17
March 19	March 24
March 26	March 31
April 2	April 7
April 9	April 14
April 16	April 21
April 23	April 28
April 30	May 5

FIELD TRIPS

UNIVERSITY HONORS PROGRAM

Dr. Marilyn Bisch will be accompanying students from her Honors class LAT 394H, "Rome: The Eternal City", on a study-abroad tour of Rome and Pompeii, Italy, March 8-March 14, 2008. A list of the participating students will be on file in the office of Dr. Greg Bierly, Director of the University Honors Program.

FACULTY GOVERNMENT

ADMINISTRATIVE AFFAIRS COMMITTEE

The Administrative Affairs Committee will meet at 3: 00pm on Friday, February 8, 2008 in Myers Tech Ctr, room TC 101E.

Agenda

1. Open Time (10 minutes)
2. Minutes of January 18
3. Progress report on faculty/administration count
4. Old business
    a. Committee on budget recommendations
    b. other
5. New business

CURRICULUM

UNDERGRADUATE PROPOSALS

NEW COURSES

COLLEGE OF TECHNOLOGY: Technology Management

TCED 201 Technology and Society--3 hours. Study of the nature of technology from a variety of perspectives. Students will explore the issues relative to the creation, use, and control of technology and its impact on individuals and society. General Education Credits [*GE 2000:Social and Behavioral Studies-Elective*]

PROGRAM REVISIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERV ICES: Physical Education

Coaching Concentration (15 semester hours)
CIP Code: 131314

Brief Summary:

Currently the program includes a course that has been banked (PE403). An advisor-recommended substitution has been utilized to replace PE403 for those students pursuing the Coaching Concentration. In examining the requirements needed to satisfy the Indiana High School Athletic Association standards for coaching eligibility it was determined that the current Coaching Concentration curriculum meets those standards without needing a substitution for PE403. Therefore it is the desire of the Department of Physical Education to eliminate PE403 from the Coaching Concentration and reduce the total hours from 15 to 12.

Proposed Catalog Copy:

Coaching Concentration (12 semester hours)
CIP Code: 131314 Concentration Code:

Students who complete this course of study will have satisfied the Indiana High School Athletic Association standards for coaching eligibility. A student majoring in Physical Education Teacher Education will satisfy these standards by taking the course Physical Education 401 and 6 hours of prescribed coaching theory.

Required courses (6 semester hours): 401--3 hrs.; 404--3 hrs.
Electives: select 6 hours from the following: 350--2 hrs; *402--1 hr.; 410--2 hrs.; 411--2 hrs.; 412--2 hrs.; 413--2 hrs.; 416--2 hrs.; 418--2 hrs.; 419--2 hrs.; 420--2 hrs.

*Physical Education 402 may be taken twice, but in different sports. Physical Education 350 is required to coach swimming in Indiana.
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Aviation Technology

Aerospace Technology Minor
CIP Code: 490102 Major Code: D633

Brief Summary:

Proposed catalog copy attached. Program changes were result of external surveys and two external reviews for accreditation.

Student Learning:

Proposed catalog copy attached. Program changes were result of external surveys and two external reviews for accreditation.

Proposed Catalog Copy:

Aviation Technology Minor (17 semester hours)
CIP Code: 490102 Major Code: _____

Required courses:
Aviation Technology courses: 141—6 hrs.; 142*—1 hr.; 144*—1 hr.; 205—3 hrs,; 305—3 hrs.;
    471—3 hrs.

*Students not desiring flight courses (142 and 144) will substitute for Aviation Technology 301.

Students must pass each aviation course in the major with a "C" grade or higher.
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Electronics, Computer, and Mechanical Engineering Technology

Computer Integrated Manufacturing Major (59 semester hours)
CIP Code: 150405 Major Code: E235

Brief Summary:

The new program title (Automation and Control Engineering Technology) is a more representative description of the profession in which our students will seek careers. We have updated the curriculum to

include more appropriate courses so our students will have the current competencies to be successful in this career and be more competitive in the job market. In the process we have achieved greater efficiency in our course offering and sequencing.

Student Learning:

Program is essentially the same as old program with only a name change.

Proposed Catalog Copy:

Automation and Control Engineering Technology Major (79 semester hours)
CIP Code: 150405 Major Code: _____

Required courses:
Electronics and Computer Technology (27 hours): †165--3 hrs.; †167--3 hrs.; 170--3 hrs.; †231--3 hrs.; †280--3 hrs.; †281--3 hrs.; †381--3 hrs.; †444--3 hrs.; †480--3 hrs.
Manufacturing Technology (15 hours): 225--3 hrs.; †370--3 hrs.; 371--3 hrs.; †372--3 hrs.; †376--3 hrs.
Mechanical Engineering Technology (15 hours): †103--3 hrs.;†203--3 hrs.; †299--3 hrs.; †329--3 hrs.; 407-3 hrs.
Technology Management (8 hours): 131-2 hrs.; 478-3hrs.; 492--3hrs.
Mathematics /Computer Science and Physical Science requirements (14 hours): courses in Chemistry , Geology , Life Sciences, or Physics--8 hrs.; Computer Science 256--3 hrs. (or higher level structured language.); Mathematics 301--3 hrs.
Directed Basic Studies: English 305T--3 hrs.; Mathematics 115--3 hrs.

† Denotes a course having a laboratory component requiring additional contact hours.
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Electronics, Computer, and Mechanical Engineering Technology

Mechanical Engineering Technology (84 semester hours)
CIP Code: 150899   Major Code: D941

Brief Summary:

Because of the re-organization in COT, many course prefixes and a few course titles have been changed. This program revision is mainly to reflect these changes. Also we are specifying a couple more courses under the technical elective list without removing any course from the old list and without changing the 6 cr hrs technical elective requirement. In order to get TAC-ABET accreditation, the major needed 84 hours.

Student Learning:

This is mainly editorial revision due to the COT re-organization. However, we have added few courses in the technical elective list which we believe will help toward the accreditation.

Proposed Catalog Copy:

Mechanical Engineering Technology Major (81 semester hours**)
CIP Code: 150899   Major Code: _____

Required Courses:

Mechanical Engineering Technology: 103--3 hrs.; 130--2 hrs.; 203--3 hrs.; 215--3 hrs.; 302--3 hrs.; 306--3 hrs.; 403--3 hrs.; 404--3 hrs.; 405--3 hrs.; 406--3 hrs.; 408--3 hrs.; 413--3 hrs.; 430--1 hr.
Manufacturing: 370--3 hrs.; *371--3 hrs.
Electronics and Computer Technology: 160--3 hrs.; 280--3 hrs.
Mathematics and Computer Science: 115 - 3 hrs.; 123 - 3 hrs.; 301- 3 hrs; Computer Science: 151 - 3 hrs.
Science: Chenistry 100--3 hrs. and 100L--1hr; Physics: 105--3 hrs. and 105L--1 hr.; *106--3 hrs. and *106L--1 hr.
Technical Electives: 6 hours from Mechanical Engineering Technology: 304--3 hrs.; 329--3 hrs.; 337--3 hrs.; 351--3 hrs.; 407--3 hrs.; 409--3 hrs.
Management Electives: 6 hours from Management 301--3 hrs.; Technology Management 471--3 hrs.; 473--3 hrs.; 478--3 hrs.

*or equivalent approved by the MET advisor.
**Include 8 hours of liberal studies, plus a program-based substitution for quantitative literacy and information technology literacy requirements.
Preferred effective term: Fall 2008

PROGRAM ELIMINATIONS

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

Environmental Health Sciences Major (60-61 semester hours)
CIP Code: 512202 Major Code A231

Brief Summary:

Pursuant to the university program prioritization decisions, the Environmental Health Sciences major is being eliminated effective January 2009. Courses required for the minor in Evironmental Health Sciences will be maintained; all other Environmental Health courses will be banked.

Proposed Catalog Copy:
None.

Preferred effective term: Fall 2008

GRADUATE PROPOSALS

PROGRAM ELIMINATIONS

COLLEGE OF NURSING, HEALTH, AND HUMAN SERVICES: Physical Education

Master of Arts or Master of Science-Physical Education Teaching Licensure
CIP Code: 131314 Major Code: A565

Brief Summary:

As a result of Program Prioritization the Provost recommends elimination of the Masters in PE Teaching Licensure and the faculty concur.

Proposed Catalog Copy:
None.
Preferred effective term: Fall 2008

UNDERGRADUATE APPROVALS

PROGRAM REVISIONS

COLLEGE OF TECHNOLOGY: Technology Management

Industrial Technology Management Major (59-63 semester hours)
CIP Code: 150612 Major Code: D935

Brief Summary:

The Technology Management program is still designed primarily to be a degree completion transfer program to articulate with regionally accredited associate of science and regionally accredited associate of applied science degree programs in industrial technology related areas. With a name change and content revision it will better be able to consistently fulfill those requirements. The deletion of Industrial from the title (Industrial Technology Management) to become Technology Management ™ is still in accord with National Association of Industrial Technology (NAIT) accreditation standards, as NAIT programs are meant to prepare technical managers. The Industrial Technology Management Program is currently accreditable by NAIT. The proposed changes are in accord with recommendations of faculty and students who expressed opinions that the term "industrial" sends a negative message to many potential students, in spite of the accuracy of it as a descriptor, and therefore, the title "Technology Management" should improve the marketability of this revised program. Another important issue is that many schools are dropping the term industrial in favor of the term engineering. By dropping "industrial" from the title we are perceived as more open to students from programs with "engineering" in the title.

Student Learning:

It is anticipated, after surveying present and potential students and potential employers, that revising the program name and clarifying requirements will result in more students transferring into the TM program, and that graduates of this program will be more marketable to industry in general.

Proposed Catalog Copy:

Technology Management Major (65 hours)
CIP Code: 150612 Major Code: _____

Required courses for freshmen or transfer students without an approved technical Associate of Science or and Associate of Applied Science degree:
Electronics and Computer Technology (3 hours): 160—3 hrs.
Health, Safety, and Environmental Health Sciences (6 hours): 212—3 hrs.; 318 — 3 hrs.
Mechanical Engineering Technology (6 hours): 103—3 hrs.; 405—3 hrs.
Manufacturing (3 hours): 370—3 hrs. or 371—3 hrs. or 372—3 hrs.
Technology Management (21 hours): 351—3 hrs.; 429—3 hrs.; 471—3 hrs.; 473—3 hrs.; 491—3 hrs. or 497—3 hrs.; 492—3 hrs.; 478—3 hrs. or Electronics and Computer Technology 437—3 hrs.

Indiana State University minor in a technical area OR an approved technical concentration plus technical electives to complete this block of at least 18 hours.

Directed Basic Studies (3 hours): Mathematics 115—3 hrs.
Directed Liberal Studies (8 hours): Physics 105—3 hrs. and 105L—1 hr.; Physics 106—3 hrs. and 106L—1 hr. or Chemistry 100—3 hrs. and 100L—1 hr.

or

Degree completion for transfer students with an Associate of Science from a regionally accredited college in a related technical area (63 hours)*

Required courses:
Health, Safety, and Environmental Health Sciences (3 hours): 212—3 hrs. or 318—3 hrs.
Mechanical Engineering Technology (3 hours): 405 — 3 hrs.
Technology Management (21 hours): 351—3 hrs.; 429—3 hrs.; 471—3 hrs.; 473—3 hrs.; 491—3 hrs. or 497—3 hrs.; 492—3 hrs.; 478—3 hrs. or Electronics and Computer Technology 437—3 hrs.
Directed Electives: 21 hours from an approved minor or concentration in the College of Technology and/or approved upper division technical electives to complete this block.
Directed Basic Studies (3 hours): English 305—3 hrs. or 305T—3 hrs. or 405—3 hrs. or Business Education, Information, and Technology 336—3 hrs.

Directed Liberal Studies (12 hours): 300-400 level SBS:E—3 hrs.; 300-400 level LAPS:E—3 hrs.; 300-400 level MCS:IC—3 hrs.; GECAP—3 hrs.

*This program is designed primarily to be a degree completion program that articulates with regionally accredited Associate of Science degree programs in industrial and engineering technology related areas. This degree completion option includes ALL coursework for satisfying ISU graduation requirements.

or

*Degree completion for transfer students with an Associate of Applied Science from a regionally accredited college in a related technical area (63 hours minimum)**

Required courses:
Health, Safety, and Environmental Health Sciences (3 hours): 212—3 hrs. or 318—3 hrs.
Mechanical Engineering Technology (3 hours): 405—3 hrs.
Technology Management (21 hours): 351—3 hrs.; 429—3 hrs.; 471—3 hrs.; 473—3 hrs.; 491—3 hrs. or 497—3 hrs.; 492—3 hrs.; 478—3 hrs. or Electronics and Computer Technology 437—3 hrs.
Directed electives: 21 hours from an approved minor or concentration in the College of Technology and/or approved upper division technical electives, and deficiencies from the A.A.S. degree, which may include Basic Studies/Liberal Studies, to complete this block.
Directed Basic Studies (3 hours): English 305—3 hrs. or 305T—3 hrs. or 405—3 hrs. or Business Education, Information, and Technology 336—3 hrs.
Directed Liberal Studies (12 hours): 300-400 level SBS:E—3 hrs.; 300-400 level LAPS:E—3 hrs.; 300-400 level MCS:IC—3 hrs.; GECAP—3 hrs.

**This program is designed primarily to be a degree completion program that articulates with regionally accredited Associate of Applied Science degree programs in industrial and engineering technology related areas. Any ISU-required major or general education lower-level coursework not completed in the A.A.S. degree must be completed before graduation from this degree program.
Preferred effective term: Fall 2008

PROGRAM ELIMINATIONS

COLLEGE OF TECHNOLOGY: Technology Management

Industrial Supervision Major (63 semester hours)
CIP Code: 520205 Major Code: ES240

Brief Summary:

This program is being eliminated. The B.S. in Industrial Supervision was recommended for realignment, reorganization or integration with other degree programs by the Program Prioritization Committee. It is being combined with the B.S. in Industrial Technology to create a new program: B.S. in Industrial Technology Management.

Proposed Catalog Copy:

None.
Preferred effective term: Fall 2008