Academic Notes

** SPECIAL NOTICES **

ARTICULATION AGREEMENTS

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

Vincennes University
AS Information Technology to BS Information Technology
12/11/2007

AAS Computer/Software Support Specialist to BS Information Technology
12/11/2007

AAS Computer Programming Technology to BS Information Technology
12/11/2007

<u>ACADEMIC NOTES PUBLICATION SCHEDULE FOR SPRING 2008</u>

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 <u>http://www.indstate.edu/acad-aff/79.html</u>**

ACADEMIC NOTES PUBLICATION SCHEDULE
FOR SPRING 2008

Deadline for Items	Issue Date
January 2	January 7
January 9	January 14
January 16	January 22*
January 23	January 28
January 30	February 4
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

*January 21 University Closed

CURRICULUM

UNDERGRADUATE PROPOSALS

COURSE REVISIONS

COLLEGE OF ARTS AND SCIENCES: Psychology

PSY 384 Interviewing Skills—3 hours. Students will learn listening and interviewing skills and how to implement these skills in a culturally sensitive manner in preparation for field placement and/or employment in a human services setting. Prerequisite: junior standing or consent of instructor.
    Change prerequisites to:
PSY 384 Interviewing Skills—3 hours. Students will learn listening and interviewing skills and how to implement these skills in a culturally sensitive manner in preparation for field placement and/or employment in a human services setting. Prerequisites: 201 or equivalent and junior standing, or consent of instructor.
Preferred effective term: Fall 2008

*PSY 414 Motivation and Behavior—3 hours. Human and animal motivation treated as a function of physiological processes, learning, development, and social interaction. Prerequisite: 201 or consent of instructor.
    Change prerequisites to:
*PSY 414 Motivation and Behavior—3 hours. Human and animal motivation treated as a function of physiological processes, learning, development, and social interaction. Prerequisite: 201 or equivalent, or consent of instructor.
Preferred effective term: Fall 2008

PSY 485 Psychology and Society—3 hours. Students will utilize skills and knowledge acquired in basic and liberal studies courses to integrate scientific, social, and individual behavior dimensions of a current social or public policy issue. Students will explore factors associated with the development and continuation of the issue, and propose possible solutions using concepts and knowledge from psychology and related fields. Topics will vary. Prerequisite: 78 credit hours and seven of nine required Liberal Studies courses. See the General Education section of the *Catalog* for a complete description

of the capstone requirement. General Education Credits *[GE 2000: Capstone course (majors only)]*.
May be repeated for credit with consent of instructor. Change description to:
PSY 485 Psychology and Society—3 hours. Students will utilize skills and knowledge acquired in
basic and liberal studies courses to integrate scientific, social, and individual behavior dimensions of a
current social or public policy issue. Students will explore factors associated with the development and
continuation of the issue, and propose possible solutions using concepts and knowledge from
psychology and related fields. Topics will vary. May be repeated for credit with consent of the
Department Chairperson. Prerequisite: 78 credit hours and seven of nine required Liberal Studies
courses. See the General Education section of the Catalog for a complete description of the capstone
requirement. General Education Credits [GE 2000: Capstone course (majors only)].
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from ITE to HRD:

420
425
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from ITE to TMGT:

001
002
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from MCT to TMGT:

477
478
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

MCT 225 Manufacturing Materials—3 hours. A study of the properties of materials which make
them suitable for manufacturing applications. The major emphasis will be on ceramic, plastic, and
metallic materials found in current manufacturing processes.
Change prefix and title to:
MFG 225 Introduction to Materials, Processes and Testing—3 hours. A study of the properties
of materials which make them suitable for manufacturing applications. The major emphasis will be on

ceramic, plastic, and metallic materials found in current manufacturing processes.
Preferred effective term: Fall 2008

MCT 370 Fundamentals of Machine Tool Processes—3 hours. Theory and laboratory Ies dealing with measurement, inspection, cutting, computer-assisted numerical control, and newly Id processes.

Change prefix, title, and description to:

MFG 370 Fundamentals of Manufacturing Processes—3 hours. Theory and laboratory experiences dealing with basic machining and chip forming processes, inspection, cutting, computer-assisted numerical control, and newly developed processes.
Preferred effective term: Fall 2008

MCT 371 Manufacturing Processes and Materials—3 hours. Metallic materials and their applications in casting, forming, finishing, fabrication, and assembly.

Change prefix and description to:

MFG 371 Manufacturing Processes and Materials—3 hours. Giving materials usable form and improved function through the application of processes including casting, forming, fabrication, conditioning, and assembly.
Preferred effective term: Fall 2008

IMT 282 Principles of Packaging—3 hours. An introduction to the profession of packaging technology. Includes a study of careers within the profession and an introduction to the purposes and requirements of packaging. Laboratory activities include a study of package components.

Change prefix, number, title, description, and add prerequisites to:

PKG 180 Introduction to Packaging Design—3 hours. An introduction to the profession of packaging with an emphasis on packaging design. Includes a study of materials used in packaging and an introduction to the purposes and requirements of packaging. Laboratory activities include CAD design of package components. Prerequisites: working knowledge of a CAD program, or consent of instructor.
Preferred effective term: Fall 2008

IMT 384 Packaging Materials and Analysis—3 hours. An advanced course in packaging materials including a study of physical properties and material applications. Specific emphasis is placed upon plastics and other synthetic materials. Includes glass and metal, films, foils, sheet materials, and cushion materials. Laboratory analysis, application of scientific procedures, and use of test instruments are required. Prerequisites: 282 and 284, or consent of instructor.

Change prefix, number, title, and prerequisites to:

PKG 380 Packaging Materials and Testing II—3 hours. An advanced course in packaging materials including a study of physical properties and material applications. Specific emphasis is placed upon plastics and other synthetic materials. Includes glass and metal, films, foils, sheet materials, and cushion materials. Laboratory analysis, application of scientific procedures, and use of test instruments are required. Prerequisites: PKG 280, or consent of instructor.
Preferred effective term: Fall 2008

IMT 381 Packaging and the Environment—3 hours. A study of the impact of packaging and packaging materials on the environment from the manufacturing process through their life cycle, and of ways to recycle and reduce packaging solid waste.

Change prefix, title, and description to:

PKG 381 Environmental Issues of Packaging—3 hours. A study of the impact of packaging and packaging materials on the environment from the manufacturing process through their life cycle, and of ways to reduce, reuse, and recycle packaging solid waste. Students will learn how countries around the world are addressing these issues. The course will study the impacts of political climates, cultural norms and other situations on the way environmental issues are viewed around the world. Emphasis will be placed on personal responsibility and the sociological impacts of choices made.

Preferred effective term: Fall 2008

IMT 380 Package Development—3 hours. Laboratory experiences in package design and construction in relation to constraints and limitations of a variety of products.

Change prefix, number, title, description, and prerequisites to:

PKG 482 Package Development and Analysis—3 hours. A practical course in the development process of packaging systems that satisfy the needs of the product, manufacturing, marketing, sales, warehousing, distribution, safety, and consumer needs and desires. Laboratory experiences will be in package design and construction in relation to constraints and limitations of a variety of products. Prerequisites: PKG 380, or consent of instructor.

Preferred effective term: Fall 2008

IMT 480 Distribution Packaging and Design Analysis—3 hours. An advanced study of bulk packaging and shipping of goods. Includes distribution package design, use of special equipment in handling, storage and staging, docks and warehouse operation, and laboratory tests of impact, shock, and vibration.

Change prefix, number, title, description, and prerequisites to:

PKG 484 Distribution Packaging Design, Analysis and Testing—3 hours. An advanced study of packaging and shipping of goods in multiple quantities and for industrial applications. Includes distribution package design, use of special equipment in handling, storage and staging, docks and warehouse operation, and laboratory tests of environmental conditioning, compression, impact, shock, and vibration. Prerequisites: PKG 380, or consent of instructor.

Preferred effective term: Fall 2008

IMT 383 Packaging Machines II—3 hours. An advanced study of packaging machines, line operations, controls, maintenance, process analysis, selection, and procurement. Includes analysis and problem solving. Prerequisites: 329 and 333, or consent of instructor.

Change prefix, number, title, description, and prerequisites to:

PKG 486 Packaging Machinery Systems—3 hours. An advanced study of packaging machines, line operations, controls, maintenance, process analysis, selection and procurement, and return on investment. Includes analysis and problem solving. Laboratory activity will include development of a packaging line layout for a product. Prerequisites: PKG 380 or consent of instructor.

Preferred effective term: Fall 2008

IMT 483 The Packaging Industry—3 hours. The performance of packages in use will be analyzed through test procedures. Laboratory tests on specialized equipment will simulate use and produce evaluative data.

Change prefix, number, title, description, and prerequisites to:

PKG 489 Packaging Industry Projects—3 hours. Live industry projects will allow students to gain experience designing, developing, evaluating, and testing packaging systems for real products. Students will work directly with partner companies to come up with optimal packaging systems. Prerequisites: Senior standing and PKG 380, PKG 482, and PKG 484, or consent of instructor.
Preferred effective term: Fall 2008

ITE 100 Industrial Education Laboratory I—4 hours. An introductory laboratory course investigating how humans adapt resources in order to communicate, manufacture, construct, and transport goods and services.

Change prefix, title, credit hours, and description to:

TCED 100 Technology and Engineering Laboratory—3 hours. An introduction technology course investigating how humans adapt in order to communicate, manufacture, construct, and transport goods and services. (Note: A required course for students who have not taken a technology course in high school.)
Preferred effective term: Fall 2008

IMT 429 Workplace Law and the Industrial Supervisor—3 hours. Analysis of laws and regulations that have the greatest influence on management of front-line industrial employees. Research and synthesis of legislation, landmark and recent litigation, case studies, trends, and industrial projects are used to prepare industrial front-line supervisors to proactively meet the letter and spirit of the law while meeting management goals.

Change prefix, title, and description to:

TMGT 429 Workplace Law for the Technical Manager—3 hours. Analysis of laws and regulations that have the greatest influence on management of front-line industrial employees. Research and synthesis of legislation, landmark and recent litigation, case studies, trends and industrial projects are used to prepare technical managers to meet the letter and spirit of the law while meeting management goals.
Preferred effective term: Fall 2008

MCT 490 (C-O; Q-Z) Topics in Construction, Manufacturing, or Printing Technology—1-3 hours. Selected topics not usually presented in regularly scheduled courses. Each topic will be printed as part of the course title in the *Schedule of Classes.*

Change prefix, title, repeat, and description to:

TMGT 490 Topics in Technology Management—1-3 hours. Selected topics not usually presented in regularly scheduled courses. Each topic will be printed as part of the course title in the Schedule of Classes. Course is repeatable to a maximum of six credit hours.
Preferred effective term: Fall 2008

NEW PROGRAMS

COLLEGE OF ARTS AND SCIENCES: Psychology

Psychology Minor for Social Work Majors (18 semester hours)
CIP Code: 420101 Major Code: _____

Brief Summary:

The Psychology Department is revising the minor to include directed electives and course substitutions for students majoring in Social Work. This is the result of a joint effort between the departments of Psychology, Social Work and Health, Safety and Environmental Science. It is a way to package course substitutions that have been agreed upon and are already in use; creation of the minor will eliminate course petitions submitted by Social Work students. Prerequisites must be met when students enroll in psychology courses.

Proposed Catalog Copy:

Psychology Minor for Social Work Majors (18 semester hours)
CIP Code: 420101 Major Code: _____

Award of this minor requires completion of the Social Work major curriculum, including Social Work 384—3 hrs.; and Health, Safety, and Environmental Health Sciences 340—3 hrs.

Required Psychology (9 hours): 101—3 hrs.; 362—3 hrs.; 368—3 hrs.
Directed Electives (3 hours): one Psychology course chosen in consultation with the Social Work
     advisor.
Preferred effective term: Fall 2008

<u>PROGRAM REVISIONS</u>

COLLEGE OF TECHNOLOGY: Technology Management

Construction Management Minor (19 semester hours)
CIP Code: 150101

Brief Summary:

The College of Technology has reorganized into three departments. This has necessitated revising some course prefixes. Construction courses used to have the MCT prefix. They will now have the CNST prefix. In addition, two course numbers have changed.

Proposed Catalog Copy:

Construction Management Minor (19 semester hours)

CIP Code: 150101

Required courses:
Construction Management (15 hours.): 111—3 hrs.; 201—3 hrs.; 214—3 hrs.; 310—3 hrs. or
    Health, Safety, and Environmental Sciences 314—3 hrs.; 414—3 hrs.
Directed Basic Studies (3 hours.): Mathematics 115—3 hrs.
Directed Liberal Studies (4 hours.): Physics 105/105L—4 hrs.
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Human Resource Development for Higher Education and Industry (78 semester hours)
CIP Code: 521001 Major Code: E135

Brief Summary:

Organizations, both public and private, are increasing their emphasis on employee education, learning,
and performance. Many professional and technical jobs now include the responsibilities of orienting and
developing new employees and the cross-training of others within their department. These changes are
in line with recent competency studies and suggested program standards from the professional
organizations in our field, such as the American Society for Training and Development, Organization
Development Network, and the Academy of Human Resource Development.

Student Learning:

The Human Resource Development major will provide students in the HRD major with an opportunity
to gain an overview of the discipline through course assignments, in-class discussions, group projects,
and self-exploration. These experiential learning opportunities will allow the students to examine how
the functions of HRD can be applied.

Proposed Catalog Copy:

Human Resource Development for Higher Education and Industry (51 semester hours)
CIP Code: 521001 Major Code: _____

Required courses:
Human Resource Development: 276—3 hrs.; 350—3 hrs.; 355—3 hrs.; 420—3 hrs.; 425—3
    hrs.; 473—3 hrs.; 480—3 hrs.; 489—3 hrs.; 495—3 hrs.
Technology Management: 351—3 hrs.; 369—3 hrs.; 385—3 hrs.; 394—3 hrs.; 429—3 hrs.;
    468—3 hrs.
Directed Electives (6 hours.): Students must select 6 hours of elective courses from the Technology
    Management Department.
Preferred effective term: Fall 2008

PROGRAM SUSPENSIONS

Sociology Major (39 semester hours)
CIP Code: 451101 Major Code: 4022

Brief Summary:

The proposed suspension of the sociology major represents a redefinition of the role of sociology at Indiana State University, not the elimination of the discipline, curriculum, or associated programming. The proposed suspension (or internal elimination) is the result of a lengthy process within the Department of Sociology to explore the ability of the program's existing faculty to deliver a quality undergraduate major. This project began with a 2002 program revision that sought to address staffing pressures associated with retirements and resignations. In 2005, the ability to deliver the revised curriculum and other obligations (GenEd, Social Science Education, and select courses in other major/minors) was further challenged as a result of two faculty departures. In the spring of 2006, three of the four sociology faculty forwarded a memorandum to Interim Dean Sauer requesting that the undergraduate major be suspended. The memorandum noted staffing issues and the inability of the current faculty to deliver the major's required 30 hours of sociology, increased substitutions, and growing number of TBA courses. Additionally, sociology enrollments have been experiencing a decline in recent years. In the fall of 2006, the sociology major was ranked in "Category III—Realign, Reorganize, or Integrate": thus reinforcing the need to reposition the role of sociology at ISU and underscoring that future investment is unlikely.
In response to the challenges facing the major, the results of prioritization, and faced with administrative issues, (e.g., external interim chair and 4 faculty) the faculty have agreed to pursue a curricular and administrative integration with the Department of Psychology. In December 2006, the faculty voted (3-1-0) to approve an administrative and curricular reorganization that would include eliminating the current major and the creation of a new social psychology teaching and research cluster within the current Department of Psychology.

The sociology faculty—in consultation with the Department of Psychology—are committed to a two year "teach out" of the existing program beginning in the Fall 2007 or Fall 2008 (depending on the curriculum approval process). Following the "teach out" phase, the sociology faculty are committed to:

1. Maintaining the current minor;
2. Continued participation in the Social Science Education Program;
3. Contributing to the General Education Program;
4. Fulfilling "cognate" course obligations to other programs;
5. Providing students with the opportunity for concentrated study in sociology within the context of the current Liberal Studies major; and

Working with Psychology colleagues to develop new social psychology programming.

Proposed Catalog Copy:

None.

GRADUATE PROPOSALS

<u>COURSE REVISIONS</u>

COLLEGE OF ARTS AND SCIENCES: Psychology

PSY 514 Motivation and Behavior—3 hours. Human and animal motivation treated as a function of physiological processes, learning, development, and social interaction. Prerequisite: 201 or consent of instructor.

 Change prerequisites to:

PSY 514 Motivation and Behavior—3 hours. Human and animal motivation treated as a function of physiological processes, learning, development, and social interaction. Prerequisite: 201 or equivalent, or consent of instructor.

Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from MCT to CNST:

720
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from ITE to HRD:

520	656	830
525	670	
605	695	

Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from ITE to TCED:

604
672
892
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from ITE to TMGT:

685
699
Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

Change of prefix only from MCT to TMGT:

519	597	696
578	601	697

Preferred effective term: Fall 2008

COLLEGE OF TECHNOLOGY: Technology Management

ITE 598 Introduction to Techniques of Coordination of Cooperative Education—2 hours. Procedures and role in coordination of cooperative education program. Prerequisite: 581 or consent of instructor. (Also listed as Administrative Systems and Business Education 598 and Family and Consumer Sciences 598.)
   Change prefix to:
CTE 598 Introduction to Techniques of Coordination of Cooperative Education—2 hours. Procedures and role in coordination of cooperative education program. Prerequisite: 581 or consent of instructor. (Also listed as Administrative Systems and Business Education 598 and Family and Consumer Sciences 598.)
Preferred effective term: Fall 2008

ITE 603 Topics and Experiences in Vocational-Technical Education—1-3 hours. Experiences selected or designed to provide further understanding and experience with the industrial and trade technology as it functions in our society. Primarily designed to upgrade the vocational instructor, coordinator, and vocational administrator. Must be approved by the department.
   Change prefix, title, repeat, and description to:
CTE 603 Topics and Experiences in Career and Technical Education-1-3 hours. Experiences selected to designed to provide further understanding and experience with the industrial and trade technology as it functions in our society. Primarily designed to upgrade the career and technical education instructor, coordinator, and career and technical education administrator. Must be approved by the department. Repeatable to a maximum of 6 hours.
Preferred effective term: Fall 2008

ITE 671 Philosophy of Industrial-Vocational-Technical Education—3 hours. Basic philosophy of industrial-vocational-technical education in relation to modern educational programs and the relationship to other curriculum areas. Prerequisite: an undergraduate vocational teaching major; supervisory or

administrative experience or preparation for school administration; or approval by the department.
    Change prefix, title, and description to:
CTE 671 Philosophy of Career and Technical Education—3 hours. Basic philosophy of career and technical education in relation to modern educational programs and the relationship to other curriculum areas. Prerequisites: an undergraduate career and technical education teaching major; supervisory or administrative experience or preparation for school administration; or approval by the department.
Preferred effective term: Fall 2008

MCT 700 Human Relations and Leadership in Manufacturing—3 hours. A course on the human side of manufacturing organizations. The course deals with how people organize, and how they relate to one another. Students will learn that the aforementioned are shaped by forces from both inside and outside of the organization. These forces, then, are indicators of emerging trends in leadership, management, and organizational design in manufacturing.
    Change prefix to:
MFG 700 Human Relations and Leadership in Manufacturing—3 hours. A course on the human side of manufacturing organizations. The course deals with how people organize, and how they relate to one another. Students will learn that the aforementioned are shaped by forces from both inside and outside of the organization. These forces, then, are indicators of emerging trends in leadership, management, and organizational design in manufacturing.
Preferred effective term: Fall 2008

IMT 529 Workplace Law and the Industrial Supervisor—3 hours. Analysis of laws and regulations that have the greatest influence on management of front-line industrial employees. Research and synthesis of legislation, landmark and recent litigation, case studies, trends and industrial projects are used to prepare industrial front-line supervisors to proactively meet the letter and spirit of the law while meeting management goals.
    Change prefix, title, and description to:
TMGT 529 Workplace Law for the Technical Manager—3 hours. Analysis of laws and regulations that have the greatest influence on management of front-line industrial employees. Research and synthesis of legislation, landmark and recent litigation, case studies, trends and industrial projects are used to prepare technical managers to meet the letter and spirit of the law while meeting management goals.
Preferred effective term: Fall 2008

MCT 593 (B-Z) Construction, Manufacturing, or Printing Technology Workshop—1-3 hours. The content of each workshop will relate to the new and current developments in the various technological areas.
    Change prefix, title, description, repeat, and credit hours to:
TMGT 593 Technology Management Workshop—3 hours. The content of each workshop will relate to the new and current developments in the various technological areas. Course may be taken twice for a maximum of 6 credit hours.
Preferred effective term: Fall 2008

MCT 603 Topics and Experiences in Construction, Manufacturing, or Printing Technology (B-

Z)—1-3 hours. Experiences selected or designed to provide understanding and experience with technology as it functions in our society: a—construction, b—manufacturing, c—printing.

Change prefix, title, repeat, and description to:

TMGT 603 Topics and Experiences in Technology Management—1-3 hours. Experiences selected or designed to provide understanding and experience with technology as it functions in our society. Course is repeatable for a maximum of 6 credit hours.
Preferred effective term: Fall 2008

ITE 659 Occupational Internship—3 hours. The purpose of this field based project experience is to identify and solve real training and linking problems common to the educational establishments with industry and business.

Change prefix and title to:

TMGT 659 Professional Internship—3 hours. The purpose of this field based project experience is to identify and solve real training and linking problems common to the educational establishments with industry and business.
Preferred effective term: Fall 2008

MCT 679 Problems in Construction, Manufacturing, or Printing Technology—1-3 hours. Content determined to large extent by the interest and needs of each individual enrolled for the course.

Change prefix, title, and description to:

TMGT 679 Problems in Technology Management—1-3 hours. Content determined to large extent by the interest and needs of each individual enrolled for the course.
Preferred effective term: Fall 2008

ITE 698 Research Methods in Industrial Technology Education—3 hours. Study of research design and methods employed by vocational-technical educators and an evaluation of results of research with implications for further research.

Change prefix, title, and description to:

TMGT 698 Research Methods—3 hours. Study of research methods and an evaluation of results with implications for further research.
Preferred effective term: Fall 2008

COURSE REACTIVATIONS

COLLEGE OF TECHNOLOGY: Technology Management

ITE 682 Organization and Administration of Vocational and Technical Education—3 hours. Study of the laws providing for various types of vocational and technical education. The problems and techniques that are involved in the organization and administration of a modern vocational education program and their relation to the total program.

Change prefix, title, and description to:

CTE 682 Organization and Administration of Career and Technical Education—3 hours.

Study of the laws providing for various types of career and technical education. The problems and techniques that are involved in the organization and administration of a modern career and technical education program and their relation to the total program.
Preferred effective term: Fall 2008

COURSE ELIMINATIONS

COLLEGE OF TECHNOLOGY: Technology Management

MCT 001
MCT 002
MCT 698
MCT 699
Preferred effective term: Fall 2008

PROGRAM REVISIONS

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

Master of Science—Electronics and Computer Technology (32 semester hours)
CIP Code: 150303 Major Code: D860

Brief Summary:

Prefix changes necessary due to the reorgnization of the College of Technology.

Proposed Catalog Copy:

Master of Science—Electronics and Computer Technology (32 semester hours)
CIP Code: 150303 Major Code: _____

In addition to the admission standards previously cited, applicants are expected to have completed an undergraduate major in computer technology or electronics (with courses related to computer interfacing, process control technology, machine-level languages, instrumentation, electrical power, or electronics application and design) and possess an appropriate working knowledge of mathematics and science.

Prospective students who have completed undergraduate programs in areas unrelated to electronics or computer technology may request evaluation of their programs of preparation for identification of deficiencies, the removal of which would enable them to enroll in the core courses (i.e. satisfy course prerequisites that may exist).

Graduate study in electronics and computer technology is designed for persons preparing for career advancement or improvement in electronics control, technical sales, field representation, or electrical power.

With a 32 semester hour minimum, the curriculum is intended to provide a rigorous and individualized program that accommodates the previous experiences, education, and interests of degree candidates. For earning a master's degree, the curriculum sequence includes three program phases concerning the "content," "application," and "integration" of related knowledge, theory, and skill.

Content (23 hours): During this preliminary program phase, students are expected to acquire or improve competencies relating to advanced electronics, industrial control, and computer technology.
Research (3 hours): Electronics and Computer Technology 698—3 hrs., or Technology Management 698—3 hrs.
Required Major (9 hours): Select from Electronics and Computer Technology 537—3 hrs., 542—3 hrs., 623—3 hrs., 634—3 hrs., 642—3 hrs., 661—3 hrs., 663—3 hrs.

Major Electives (2-5 hours): as approved by advisor.

Electives outside the department (6-9 hours): as approved by advisor.

Application (6 hours): During this phase, students incorporate content principles, procedures, and skills to effectively demonstrate: (1) a familiarity with the tools of research, (2) scholarship in their field, (3) an ability to work independently, and (4) their ability to present the results of an investigation.

Thesis (6 hours): Electronics and Computer Technology 699—6 hrs., or

Major Project (6 hours): Electronics and Computer Technology 697—6 hrs., or

Comprehensive Examination (0 hours) and **electives within the department** (6 hours): As approved by the candidate's examination committee.

Culminating Experience: The culminating experience course Electronics and Computer Technology 680—3 hrs. must be completed during the last semester of course work or after completing 24 semester hours of the approved program of study.

Note: At least one-half of the credit hours must be in courses numbered at the 600 level or above.
Preferred effective term: Fall 2008

CORRECTIONS

This program is published to correct errors in the course prefixes. The corrections are in bold and underlined.

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

Proposed Catalog Copy:

Health Sciences Major (66-73 semester hours)
CIP Code: 511504

The objectives of this degree program are to prepare health educators to help maintain and improve the health, well-being, and quality of life of people; to prepare students to become health teachers; and to prepare students to pursue graduate education in a variety of related fields.

Students completing the community health promotion *concentration* must earn a minimum of a "C" grade in all required major courses (core, content, culminating experience, professional and foundation courses).

Students completing the school health education *concentration* must earn a minimum of a "C" grade in the core, content, and in the culminating experience courses. Students completing the school health *concentration* must be thoroughly familiar with the requirements for admission to the Teacher Education Program and the teaching curriculum. Refer to the College of Education and the Department of Curriculum, Instruction, and Media Technology in this catalog.

All students must maintain a 2.5 GPA in both the major courses and in their overall GPA to graduate.

Health Sciences Core Courses (30 hours):
  111—3 hrs.; 221—3 hrs.; 340—3 hrs.; 392—3 hrs.; 401—3 hrs.; 402—3 hrs..; 403—3 hrs..; 406—3 hrs.; 480—3 hrs.; Family and Consumer Sciences 201--3hrs.

Community Health Promotion Concentration (36-37 hours)

Health, Safety, and Environmental Health Sciences courses:
  210—3 hrs.; 212—3 hrs.; 341—3 hrs.; 360—3 hrs.; 393—2 hrs.; 424—3 hrs.; 428—3 hrs.; 491—3 hrs.
Other required courses: Athletic Training 210-2hrs. and Physical Education 220-2hrs.; Biology 112—3 hrs. and 112L—1 hr. or **Life Sciences** 231—2 hrs. and 231L—1 hr. or 241—2 hrs. and 241L—1 hr. or **Physical Education** 180—1 hr.; Psychology 101—3 hrs.; 362—3 hrs. or 368—3 hrs.

School Health Education Concentration (41- 43 hours)

Health, Safety, and Environmental Health Sciences courses:
  211—2 hrs.; 211L—1 hr.; 313—3 hrs.
Other required courses: Life Sciences 231—2 hrs and 231L—1 hr. and 241—2 hrs. and 241L—1 hr. or Athletic Training 210--2hrs. and Physical Education 220--2hrs..; Curriculum, Instruction, and Media Technology 301--3hrs.; 302--3hrs.; 400–3 hrs.; 400L--1hr.; 401—11 hrs.; 402--1hr.; Educational Psychology 202--3hrs.; 341--3hrs.; Special Education 226--3hrs.