

# BALL STATE UNIVERSITY

## ACADEMIC POSTING

2005 - 2006

VOLUME XXXVII - 8

April 21, 2006

This posting may contain all or part of the following: new, revised, and dropped programs, courses and prefixes. The posting period begins April 24, 2006. If no demurrer is received within ten school days, the changes will be certified for implementation. *The effective date for implementing undergraduate materials posted after January 24, 2006 is Fall Semester 2008. Graduate materials posted after January 25, 2005 have an implementation date of Fall Semester 2007.*

### College of Applied Sciences and Technology

#### DEPARTMENT OF FAMILY AND CONSUMER SCIENCES

##### Dropped:

ASSOCIATE IN SCIENCE—HOSPITALITY AND  
FOOD MANAGEMENT, 63 hours

#### FISHER INSTITUTE FOR WELLNESS AND GERONTOLOGY

##### GERONTOLOGY (GERON)

##### New:

GERON 640. Service Learning in Gerontology. (3.0)  
Students will take a leadership role in a community-based project and apply research, theory, knowledge, and skills. Prerequisite: GERON 605 and at least one additional core course.

GERON 641. Practical Applications of Gerontological Programming. (3.0) Students will focus on applying research, knowledge and skills to deliver gerontological programming. Techniques for delivery and management of gerontological programs and evaluating effectiveness of programs/interventions will be examined. Prerequisite: GERON 605, 640, and one additional core course.

#### WORKPLACE WELLNESS INTERDISCIPLINARY (WWINT)

##### New:

WWINT 201. Improving Worker Wellbeing: A Multidisciplinary Approach. (3.0) Many workplace issues influence worker wellbeing. Designed to introduce how workplace culture, safety, and occupational health policies, personal health-related decisions, and other related practices have the potential of influencing worker wellbeing.

WWINT 305. Introduction to Workplace Wellness Planning. (3.0) Using a systematic planning model when developing programs is important for program success. This course introduces you to a logic-model driven planning approach and to the concept of health and productivity management. Prerequisite: WWINT 201.

WWINT 310. Workplace Wellness Administration. (3.0) Improving the efficiency of administrative tasks and communication practices can greatly impact Wellness Management practice. Focuses on enhancing skills and technologies important for program administration. Prerequisite: WWINT 201.

WWINT 396. Civic Engagement: Workplace Wellness Program. (3.0) Students assist in an ongoing, community-based, professionally led workplace wellness program setting. A combination of class meetings and practical experience provides valuable insight into workplace wellness practices. Prerequisite: WWINT 305, 310.

WWINT 397. Civic Engagement: Workplace Wellness Project. (3.0) Participants will assist with delivering a short-term wellness campaign to help improve awareness. Students will learn how these short-term campaigns are vital in bringing new people into wellness programs and have different goals than seen in the day-to-day operations of a wellness program. Prerequisite: WWINT 305, 310.

WWINT 405. Workplace Wellness Coaching. (3.0) Introduces theory, skills, and techniques related to guiding groups and individuals through meaningful lifestyle changes by emphasizing motivational strategies, and behavioral and holistic practices. Participants will be introduced to lifestyle assessments, wellness and lifestyle change models, and basic interviewing and referral skills.

WWINT 496. Seminar in Workplace Wellness. (1.0 TO 6.0) Seminar topics will be identified, focusing on current issues in workplace wellness. Using the seminar format, will include research, discussion, and dissemination of information gathered in a given topic.

WWINT 498. Senior Seminar in Workplace Wellness. (1.0) Participants discuss issues, content, and practices encountered during their involvement in the workplace wellness minor. Open only to individuals who have completed all other requirements of the workplace wellness minor. Prerequisite: WWINT 396, 397.

## **Miller College of Business**

### **MASTER OF BUSINESS ADMINISTRATION (MBA)**

#### **Revised:**

MBA 601. Entrepreneurial Leadership. (3.0) Assessment of each student's personal ethics, decision making, motivation, communication, team building, and leadership characteristics followed by creation of a personal development plan. Emphasis on application of current leadership theories to leading innovation and managing operations within an entrepreneurial organization. Cultural differences in leadership and managerial communication are examined. Prerequisite: full admission to a graduate program in the Miller College of Business; MGT 500; ISOM 551; or their equivalents. Open only to Miller College of Business students or by permission of the Miller College of Business director of graduate programs.

### **DEPARTMENT OF ECONOMICS**

#### **ECONOMICS (ECON)**

#### **Dropped:**

ECON 607. Labor Relations and Collective Bargaining. (3.0)

#### **Revised:**

ECON 532 (607). Labor Relations and Law. (3.0) Study of collective bargaining, the joint determination by employers and employees (through their representatives) of the problems of the employment relationship-encompassing both the negotiation and administration of the labor agreement with primary emphasis upon the rules governing these processes. Prerequisite: ECON 201, 202. Not open to students who have credit in ECON 332.

### **DEPARTMENT OF INFORMATION SYSTEMS AND OPERATIONS MANAGEMENT**

#### **BUSINESS EDUCATION (BED)**

#### **Revised:**

BED 551. Practicum in Business and Marketing Education. (1.0 TO 6.0) Supervised experience in curriculum planning and development of instructional materials for business and marketing education. A total of 6 hours of credit may be earned.

BED 592. Managing In-School Laboratory and Cooperative Business/Marketing Programs. (3.0) For in-service teachers in business and marketing. Special techniques and knowledge for managing in-school laboratory and business, career and technical, marketing, and interdisciplinary cooperative education programs. Prerequisite: methods course in teaching business, marketing, or career/technical education; full admission to a graduate program of the university.

BED 593. Philosophy, Organization, and Administration of CTE. (3.0) The principles upon which career/technical education is organized, administered, and supervised; federal and state regulations; agencies that provide delivery systems for career/technical education; vocational rehabilitation, and programs for persons with special needs. Prerequisite: methods course in teaching; full admission to a graduate program of the university.

BED 594. Survey of Career/Technical Education Program Areas. (3.0) An overview of career/technical education program areas. Includes program administration and supervision, objectives, the occupations for which training is offered, curricula, equipment and facilities, student selection, in-school laboratories, field-training opportunities, and youth organizations. Prerequisite: BED

393 or 593 and a methods course in teaching business or teaching marketing subjects or permission of the instructor; full admission to a graduate program of the university.

BED 616. Research Methods in Business Education and Marketing Education. (3.0) The concepts and methodology used in business education and marketing education research; introduction to research design, methodology, research limitations, and proposal preparation; analysis of completed research in business education and marketing education; determination of needed research. Prerequisite: permission of the instructor; full admission to a graduate program of the university.

BED 617. Administration of Business and Marketing Education Programs. (3.0) The purposes, functions, and principles of administration and supervision of business education and marketing education programs. Uses case studies and simulations to solve business education and marketing education problems under conditions of uncertainty. Uses problem solutions to teach decision making, organization planning, and strategy formulation. Prerequisite: secondary teaching certificate in business or marketing education or admission to a graduate program in any career/technical area; full admission to a graduate program of the university.

BED 624. Advanced Cooperative and Laboratory Methods. (3.0) Techniques for improving and refining cooperative and laboratory methods in business and marketing education programs. Encompasses the development, operation, and evaluation of cooperative education and laboratory business and marketing education methods. Prerequisite: permission of the instructor and full admission to a graduate program of the university.

BED 625. Problems and Issues in Business Education. (3.0) Identification of the problems in constructing curriculum and implementing sound business education at all levels and a study of possible solutions; assessment of the significance of legislative, economic, and societal events in business education decision making. Prerequisite: business, marketing or career technical education teaching license; full admission to a graduate program of the university.

## **College of Communication, Information, and Media**

## **DEPARTMENT OF COMMUNICATION STUDIES**

### **COMMUNICATION STUDIES (COMM)**

#### **Revised:**

COMM 605. Qualitative Research in Communication. (3.0) Provides an understanding of how communication research is conducted in natural settings using qualitative research methods. Covers a variety of interpretive techniques designed to describe, decode, and interpret, and conduct studies in naturally occurring communicative phenomena in many social contexts. Prerequisite or parallel: COMM 601.

COMM 620. Classical Rhetorical Theory. (3.0) Explores the roots of rhetorical theory development by examining contributions of important theorists from ancient Greece and Rome. Offers insight into persuasion's role in these ancient cultures and the influence that ancient scholars and rhetors have had on modern theory and practice.

COMM 625. Interviewing. (3.0) Examines and applies principles associated with informational, employment, appraisal, and counseling interviews. Topics include resumes, placement papers, job applications, interviews, and follow-up interviews.

COMM 650. Communication Training in Organizations. (3.0) Application, research, and theory pertinent to training in organizations. Emphasizes methods of teaching effective communication skills to organizational members.

COMM 669. Professional Experience. (3.0 OR 6.0) Paid, supervised work and learning experience related to careers in human communication with business firms or public agencies. Job description may include, but is not limited to, research, training, planning, informative or persuasive campaigns, problem solving, and conflict management. Prerequisite: permission of the internship coordinator and/or department chairperson; 18 hours in communication studies. A total of 6 hours of credit may be earned.

COMM 679. Practical Experience. (3.0) Non-paid supervised work and learning experience related to careers in human communication with business firms or public agencies. Job description may include, but is not limited to, research, training, planning, informative or persuasive campaigns, problem solving, and conflict management. Prerequisite: permission of the internship coordinator and/or department chairperson; 18 hours in Communication Studies. A total of 6 hours of credit may be earned, but no more than 3 in any one semester or term.

COMM 696. Directed Study in Communication. (1.0 TO 3.0) Students study a particular topic in consultation with a member of the faculty. Prerequisite: permission of the department chairperson. A total of 3 hours of credit may be earned.

## DEPARTMENT OF TELECOMMUNICATIONS

### Revised:

#### MAJOR IN TELECOMMUNICATIONS, 45-48 hours

*News option, 39 hours*

TCOM 323 substitutes for JOURN 102 on the News option.

## College of Sciences and Humanities

## DEPARTMENT OF COMPUTER SCIENCE

### New:

#### MINOR IN COMPUTER SECURITY, 18 hours

PREFIX	NO	SHORTTITLE	CR HRS
CS	110	Intro CS(3)	
	or		
	120	Comp Sci 1(3)	3
	203	Intro Secur	3
	300	LAN/WAN(3)	
	or		
	427	Networks(3)	3
	446	Sys Admin	3
6 hours from			
CS	246	Malware(3)	
	249	Forensics(3)	
	347	Net Security(3)	
	449	Perim Sec(3)	
	457	Appl Cryptog(3)	6
			<hr/>
			18 hrs

### Revised:

#### MAJOR IN COMPUTER SCIENCE, 75-91 hours

A grade of C or better must be earned in each core course if the course is to be counted toward fulfilling the CS major requirements.

PREFIX	NO	SHORTTITLE	CR HRS
Core requirement, 49-51 hours			
CS	120	Comp Sci 1	3
	121	Comp Sci 2	3
	124	Discr Struct	3
	230	Org Arch 1	3
	232	Data Struct	3
	324	Dsg Ana Algo	3
	330	Org Arch 2	3
	334	Network Db	3
	427	Networks	3
	476	Op Systems	3
	497	Soft Eng 1	3
	498	Soft Eng 2	3
MATHS	161	Appl Calc 1(3)	
	or		
	165	Calculus 1(4)	3-4
	162	Appl Calc 2(3)	
	or		
	166	Calculus 2(4)	3-4
	217	Lin Algebra	4
	221	Pbty Stats(3)	
	or		
ECON	221	Bus Stats(3)	3
			<hr/>
			49-51 hrs
<i>Computer science option, 26-28 hours</i>			
CS	470	Thy Cmptn 1	3
And a one year lab science sequence			
BIO	111	Princ Bio 1(4)	
	112	Princ Bio 2(4)	
	or		
CHEM	111	Gen Chem 1(4)	
	112	Gen Chem 2(4)	
	or		
PHYCS	120	Gen Phycs 1(5)	
	122	Gen Phycs 2(5)	8-10
15 hours from (9 hours must be 400-level)			
CS	335	Prog Lang(3)	
	337	Internet Pgm(3)	
	339	Seminar(3)	
	345	GUI(3)	
	347	Net Security(3)	
	397	Web Tech(3)	
	430	System Prog(3)	
	436	Database Dsg(3)	
	438	Graphics(3)	
	446	Sys Admin(3)	
	449	Perim Sec(3)	
	455	Artfl Intl 1(3)	

	456	Image Proc(3)		470	Thy Cmptn 1(3)	
	457	Appl Cryptog(3)		499	Regs Hnrs(3)	
	499	Regs Hnrs(3)		MATHS	362	Numer Anls 1(3)
MATHS	362	Numer Anls 1(3)		363	Numer Anls 2(3)	12
	363	Numer Anls 2(3)	15			
						<u>75-77 hrs</u>
			<u>75-79 hrs</u>	<i>Cooperative education option</i>		
<i>Hardware systems option, 27 hours</i>				Complete one of the above options		75-79
PHYCS	120	Gen Physc 1	5	12 hours from		
	121	Gen Physc 2	5	CS	369	Profes Exper(1-4)
	354	Electronic 1	4			12
	356	Electronic 2	4			<u>87-91 hrs</u>
9 hours from				To begin a program in computer science the student must have a mathematical background strong enough to take the first required calculus course. Students are encouraged to take the MATHS 165, 166 calculus sequence in place of MATHS 161, 162. This will add 2 hours to the program. MATHS 215 substitutes for CS 124. ECON 221 substitutes for MATHS 221. Students who pursue the hardware systems option should elect to take PHYCS 120 and PHYCS 122 as the science requirement. Students who pursue the information systems option should elect to take ECON 201 as part of the University Core Curriculum requirements.		
CS	335	Prog Lang(3)		<b>MINOR IN COMPUTER SCIENCE, 24 hours</b>		
	337	Internet Pgm(3)		<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>
	339	Seminar(3)				<i>CR HRS</i>
	345	GUI(3)		MATHS	161	Appl Calc 1
	347	Net Security(3)		CS	120	Comp Sci 1
	397	Web Tech(3)			121	Comp Sci 2
	430	System Prog(3)			124	Discr Struct
	436	Database Dgn(3)			230	Org Arch 1
	438	Graphics(3)			232	Data Struct
	446	Sys Admin(3)				3
	449	Perim Sec(3)				3
	455	Artfl Intl 1(3)				3
	456	Image Proc(3)				3
	457	Appl Cryptog(3)				3
	470	Thy Cmptn 1(3)				3
	499	Regs Hnrs(3)				3
MATHS	362	Numer Anls 1(3)	9			3
	363	Numer Anls 2(3)				3
			<u>76-78 hrs</u>			3
<i>Information systems option, 26 hours</i>				6 hours from		
ISOM	135	Bus IS	3	CS	300	LAN/WAN(3)
	311	Int Ent Sys	2		330	Org Arch 2(3)
9 hours from					335	Prog Lang(3)
ISOM	300	Proj Mgt(3)			345	GUI(3)
	415	Inf Sys Mgt(3)		MATHS	362	Numer Anls 1(3)
	430	Ent Rs Plan 1(3)				6
	431	Ent Rs Pln 2(3)	9			<u>24 hrs</u>
12 hours from				MATHS 135 with a minimum grade of B- will substitute for MATHS 161. Other calculus courses may substitute for MATHS 161 with departmental permission. Students electing MATHS 362 must meet the mathematics prerequisite for the course. MATHS 215 substitutes for CS 124.		
CS	335	Prog Lang(3)		<b>MINOR IN COMPUTER APPLICATIONS, 18 hours</b>		
	337	Internet Pgm(3)		<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>
	339	Seminar(3)				<i>CR HRS</i>
	345	GUI(3)		CS	104	Micro Lit
	347	Net Security(3)			233	Micro Sys
	397	Web Tech(3)				3
	430	System Prog(3)				3
	436	Database Dgn(3)				3
	438	Graphics(3)				3
	446	Sys Admin(3)				3
	449	Perim Sec(3)				3
	455	Artfl Intl 1(3)				3
	456	Image Proc(3)				3
	457	Appl Cryptog(3)				3

276	Survy Op Sys	3
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3-6 hours from

CS	110	Intro C S(3)	
	116	Visual Prog(3)	
	120	Comp Sci 1(3)	
	121	Comp Sci 2(3)	3-6

3-6 hours from

CS	204	Multimedia(3)	
	236	Db Tech(3)	
	300	LAN/WAN(3)	3-6

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18 hrs

Mathematical prerequisites for programming courses must be met.

**MINOR IN WEB TECHNOLOGY, 15 hours**

<i>PREFIX</i>	<i>NO</i>	<i>SHORT TITLE</i>	<i>CR HRS</i>
CS	110	Intro C S	3
	116	Visual Prog	3
	236	Db Tech	3
	310	Web Prog	3
	397	Web Tech	3

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15 hrs

MATHS 108 is prerequisite of CS 116, but may be waived with equivalent experience elsewhere.

## Teachers College

### DEPARTMENT OF EDUCATIONAL PSYCHOLOGY

#### EDUCATIONAL PSYCHOLOGY (EDPSY)

**New:**

EDPSY 360. Service Learning with Children, Families, and Adults. (3.0) Students will be placed with local agencies and work directly with children, adults, families, and/or older adults. Instruction and reflection will focus on developmental psychology. Prerequisite: EDPSY 350 or 351 or 355. Open only to human development minors.

Ron Murphy, Associate Director  
Office of Academic Systems