



## OAKTON COMMUNITY COLLEGE

### ACADEMIC BRIEFING

SPRING 2005

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The Office of Research, Curriculum and Planning is in its sixteenth year with our Academic Briefing. This is a publication to inform other colleges and universities about pertinent course/curriculum revisions which may affect articulation. Most changes will be reflected in the catalog for the forthcoming (2005-2006) academic year.

<b>SECTION I</b>	Corrections/Updates to the 2005-2006 Catalog .....	Page 2
<b>SECTION II</b>	Course & Curriculum Changes Included in the 2005-2006 Catalog .....	Pages 3 – 24
<b>SECTION III</b>	Course & Curriculum Changes Not Included in the 2005-2006 Catalog ....	Pages 25 – 30



## SECTION I

### CORRECTIONS/UPDATES: 2005-2006 CATALOG

- p. 4 Add Joan B. Hall to the list of Trustees Emeriti.
- p. 25 & 196 The phone number for WWW Coordinator John Stryker should be 847-635-1969.
- p. 34 Add “Facilities Management and Engineering (A.A.S.)” to the list of **Programs available to residents of the College of Lake County District.**
- p. 35 Delete “Phlebotomy (Certificate)” from the list of **Programs available to residents of the William Rainey Harper College District.**
- p. 80 Delete the asterisk and the note about pending ICCB approval. The AAT has been approved.
- p. 111 Delete the asterisk and the note about pending ICCB approval. The UNIX Certificate has been approved.
- p. 113 Delete the asterisk and the note about pending ICCB approval. The Management of Information Systems (MIS) Certificate has been approved.
- p. 117 Delete the asterisk and the note about pending ICCB approval. The Windows Support Technician Certificate has been approved.
- p. 133 Correct the credit hours in the Electronics Computer Technician Certificate. MAT 120 is 4 credits and electives are 2 credits; total credit hours are unchanged.
- p. 197 Delete the asterisk and the note about pending ICCB approval. The Web Site Developer Certificate has been approved.
- p. 232 The fee for CIS 236, Project Management, should be \$10.
- p. 268 The correct title and description for new course FIS 150 are as follows:  
Global Trading of Currencies  
This course presents the basics of trading in global currencies such as the euro and yen.
- p. 297 The fee for MGT 236, Project Management, should be \$10.

## SECTION II

### COURSE & CURRICULUM CHANGES INCLUDED IN 2005-2006 CATALOG

#### ACCOUNTING

##### *Course revisions:*

ACC 154

Principles of Managerial Accounting

Change prerequisite to: ACC 153, or concurrent enrollment in ACC 153, or consent of instructor of department chair.

ACC 241

Intermediate Accounting I

Change prerequisite to: ACC 153 or consent of instructor or department chair.

ACC 245

Cost Accounting

Change prerequisite to: ACC 154 or consent of instructor or department chair.

ACC 250

Accounting Systems and Procedures

Change prerequisite to: ACC 153 or consent of instructor or department chair.

ACC 253

Practicum

Change prerequisite to: ACC 250 or concurrent enrollment in ACC 250, and an accounting job (at least 15 hours per week) at the time ACC 253 begins.

ACC 260

Auditing

Change prerequisite to: ACC 242, or concurrent enrollment in ACC 242, or consent of instructor or department chair.

#### ARABIC

##### *Course addition:*

ARB 201

4:3:2

Intermediate Arabic I

Designed to continue the development of basic Modern Standard Arabic skills, this course is a general review and expansion of beginning grammar, along with conversation, vocabulary development, readings, and writing exercises that focus on life in modern Arabic-speaking countries.

Prerequisite: ARB 102 or equivalent background.

Fee \$15

ARB 202

4:3:2

Intermediate Arabic II

Designed to continue the development of basic Modern Standard Arabic skills and as a continuation of Arabic 201, this course increases knowledge of the Arabic language and its culture through extensive

practice in reading, writing, and speaking of Modern Standard Arabic, including exposure to other commonly used Arabic dialects.

Prerequisite: ARB 201 or equivalent background.

Fee \$15

## **ART**

### *Course additions:*

ART 214

3:0:6

Advanced Experimental Photographic Techniques

This course further explores the experimental and manipulation techniques available in photography. Emphasis is placed upon using current digital media in conjunction with analog photographic practices. Subjects covered include a survey of modern interpretations of 19th century processes as well as some more demanding contemporary photographic processes.

Prerequisite: ART 116.

Fee \$50

ART 223

3:0:6

Landscape Photography Field Study

This course covers aesthetic and historical developments in the field of landscape photography as well as its impact on artistic, cultural, social, economic and political issues. A survey of historical photographers as well as modern practitioners of the medium is discussed. A week-long field study provides a chance to employ techniques and ideas learned in class.

Prerequisite: ART 115 or consent of instructor or department chair.

Fee \$50

ART 226

3:0:6

Commercial Digital Photography

This course covers topics in digital photography as required in the field of commercial photography. Efficiency in use of high-end input and output digital devices is explored. Issues of color consistency from camera to scanner to computer monitor to print are stressed. Skills needed in a modern digital photography commercial environment are discussed.

Prerequisite: ART 219 and ART 220.

Fee \$75

ART 227

3:0:6

Medium Format Photography

This course is the introduction to the Medium Format camera system and the advantages that this format gives the photographer. The students explore numerous Medium Format systems used in the field of professional photography and use this specialized equipment to reveal the form and function of a variety of subjects. Experience in photography's basics is enhanced with refinement of film exposure and development, technical operation of the Medium Format camera and selection of appropriate equipment and materials, with an emphasis on practical, problem-solving applications.

Prerequisite: ART 115, ART 215 and ART 219.

Fee \$50

ART 229

3:0:6

Commercial Studio Photography

This is an advanced course in studio lighting practices required in the field of commercial photography. It includes further exploration of techniques specific to using electronic flash in unique photographic

assignments. The fields of fashion, wedding, product, location/event-specific portraiture and layout-specific photography are explored. Studio and fieldwork outside of regular class time is required.  
Prerequisite: ART 219.

Fee \$50

## **BIOLOGY**

### *Course addition:*

BIO 240

2:0:4

Interdisciplinary Undergraduate Laboratory Research

This course is designed to provide students with undergraduate research experience. It is an interdisciplinary course that is co-listed with CHM 240 and is team-taught by faculty from several disciplines. Students will actively participate in a research experience that involves performing experiments, collecting data, analyzing results, interacting with other students and professors in their research, reading and critiquing research articles in the same area that they are performing research and presenting their results at the end of the semester. This course can be repeated once for credit.

Prerequisite: Consent of instructor.

Fee \$50

### *Course deleted from the catalog but which may be rescheduled in the future:*

BIO 210 Genetics

## **CHEMISTRY**

### *Course addition:*

CHM 240

2:0:4

Interdisciplinary Undergraduate Laboratory Research

This course is designed to provide students with undergraduate research experience. It is an interdisciplinary course that is co-listed with BIO 240 and is team-taught by faculty from several disciplines. Students will actively participate in a research experience that involves performing experiments, collecting data, analyzing results, interacting with other students and professors in their research, reading and critiquing research articles in the same area that they are performing research and presenting their results at the end of the semester. This course can be repeated once for credit.

Prerequisite: Consent of instructor.

Fee \$50

## **CISCO NETWORK ACADEMY**

### *Courses deleted from the catalog but which may be rescheduled in the future:*

CNA 181

CNA 213

CNA 182

CNA 214

CNA 211

CNA 290

CNA 212

## **COMPUTER-AIDED DESIGN**

### *Course revisions:*

CAD 116

Basic AutoCAD

Delete prerequisite

*Computer-Aided Design course revisions (cont.)*

CAD 117  
Intermediate AutoCAD  
Change prerequisite to: CAD 116 or instructor's consent.

CAD 118  
Advanced AutoCAD  
Change prerequisite to: CAD 117 or instructor's consent.

CAD 223  
Introduction to 3D Studio MAX  
Delete prerequisite

CAD 230  
Introduction to SolidWorks  
Delete prerequisite

CAD 240  
Introduction to Autodesk Inventor  
Delete prerequisite

**COMPUTER APPLICATION SOFTWARE**

*Course revision:*

CAS 155  
Desktop Publishing  
Change course description to:  
This course is an introduction to a desktop publishing program to create and format documents. The course familiarizes the student with the technology of desktop publishing. Practical experience is gained in producing quality documents such as newsletters, brochures, and flyers suitable for publication.  
Change prerequisite to: Ability to type 20 wpm. Knowledge of, and ability to fully use, word processing software.

**COMPUTER INFORMATION SYSTEMS**

*Curriculum additions:*

Add a 10 semester credit hour UNIX Certificate (#0154).

Add a 27 semester credit hour Management of Information Systems (MIS) Certificate (#0145).

*Course additions:*

CIS 090 2:2:1  
Computers for New Users

This course is designed for the student who has little or no experience in operating a computer – its hardware and commonly used software applications. The student learns basic computer terminology; how to start the computer, identify the screen elements; manage files and folders on a secondary storage devices; create, format, edit, save, and print documents; create, format, edit, chart, save, and print spreadsheets; send, receive, and attach a file to email; and search the Internet.

Fee \$15

*Computer Information Systems course additions (cont.)*

CIS 236

3:3:1

**Project Management**

This class provides a general introduction to the principles of Project Management as defined by the Project Management Institute (PMI). Through the use of experiential exercises and team participation, students gain experience with computer-based project management procedures. Basic familiarity with state-of-the-art Project Management Software is covered. This is the same course as MGT 236; students cannot receive credit in both CIS 236 and MGT 236.

Fee \$10

CIS 238

3:3:1

**UNIX Network Services Administration**

This is a course on UNIX network services and administration using the LINUX Operating System. Course material covers UNIX networking topics: network technology and terms, TCP/IP installation and configuration, network hardware installation, secure INETD “super daemon” installation and TCPD wrappers, configuration of network services – Domain Name Services (DNS), DHCP, Apache (Web server), SMTP/SENDMAIL, File Transfer Protocol (FTP) server, Network File Server (NFS), SAMBA (Windows Network Server), Secure Shell (SSH), Secure Socket Layer, firewalls and packet filters, packet sniffers and intrusion detections systems. This is the same course as CNS 238; students cannot receive credit in both CIS 238 and CNS 238

Prerequisite: CIS 228 or comparable experience or consent of instructor or department chair.

Fee \$40

*Course revisions:*

CIS 116

**Introduction to the MS-Windows Operating System**

Change credit:lecture:lab ratio to 2:2:1

Change course description to:

This course presents students with instruction in the use of the Microsoft Windows operating system for personal computers. Students develop a theoretical and hands-on understanding of the Windows environment and how it functions as an operating system. Students learn such functions as how to run multiple applications simultaneously, file systems, disk optimizations, perform file and folder operations efficiently, exposure to the Windows registry, transfer data between applications, customize the environment, using utilities to troubleshoot, and installation issues.

CIS 117

**Introduction to the MS-DOS Operating System**

Change title to: Introduction to the MS-DOS (Command Line) Operating System

Change course description to:

Knowledge of MS-DOS allows the user to enhance and optimize the performance of computers and support programs running under the DOS platform in businesses and by individuals. The student learns operating systems concepts and the DOS commands to manage files; troubleshoot system, software, and hardware problems; configure legacy devices; develop and maintain compatibility with other network operating system platforms; boot a computer when Windows OS is not functioning; and install, configure, and troubleshoot network problems. This course is a "hands-on" course which will be taught in a computer lab.

Change prerequisite to: Introductory personal computer coursework or comparable work experience or consent of instructor, coordinator or department chair.

*Computer Information Systems course revisions (cont.)*

CIS 241

Introduction to Database Concepts

Change title to: Database Management

Change course description to:

This course is an introduction to the management of database systems including design, development, implementation, recovery, and security of databases. Concepts covered include database models, entity-relationship (E-R) modeling, normalization, data warehousing, an introduction to SQL, the database life cycle, transaction management, distributed databases, client/server systems, using databases in e-commerce and on the Internet, and the role of the database administrator.

**COMPUTER NETWORKING AND SYSTEMS**

*Curriculum addition:*

Add a 19-credit-hour Windows Support Technician Certificate (#0153).

*Curriculum revisions: (see page 10 for curriculum deleted from catalog)*

Change the requirements for the Network Administration Certificate (#0128); total semester credit hours decrease to 25. [Note: This curriculum had recently changed to 28 credit hours.]

Change the requirements for the Microsoft Certified Systems Engineer (MCSE) Certificate (#0131); total semester credit hours increase to 38. [Note: This curriculum had recently changed to 37 credit hours.]

*Course additions:*

CNS 150

4:3:2

Microsoft Windows Desktop Technician

This course provides students who are new to Microsoft Windows Desktop software with the knowledge and skills necessary to troubleshoot basic problems end users will face while running Microsoft Windows Desktop in an Active Directory® network environment, or a workgroup environment related to configuring and maintaining applications such as Microsoft Office, Outlook Express, Internet Explorer and other applications that run on a Microsoft Windows Desktop Operating System. The course covers the most recent release of Microsoft Windows Desktop software. This course prepares students to become Microsoft Certified Desktop Technicians and to take exam 70-271 and 70-272.

Prerequisite: CNS 110 (formerly LAN 110) or LAN 170 or consent of instructor, coordinator, or program chair.

Fee \$50

CNS 238

3:3:1

UNIX Network Services Administration

This is a course on UNIX network services and administration using the LINUX Operating System. Course material covers UNIX networking topics: network technology and terms, TCP/IP installation and configuration, network hardware installation, secure INETD “super daemon” installation and TCPD wrappers, configuration of network services – Domain Name Services (DNS), DHCP, Apache (Web server), SMTP/SENDMAIL, File Transfer Protocol (FTP) server, Network File Server (NFS), SAMBA (Windows Network Server), Secure Shell (SSH), Secure Socket Layer, firewalls and packet filters, packet sniffers and intrusion detections systems. Students cannot receive credit in both CNS 238 and CIS 238.

Prerequisite: CIS 228 or comparable experience or consent of instructor, coordinator or program chair.

Fee \$40

*Course revisions:*

Create a new prefix, **CNS**, for Computer Networking and Systems. Shift certain LAN and CNA courses into this new prefix, in some cases changing the number as well. See table on the next page.

Old Course Prefix/#	New Course Prefix/#	Old Name (or current name, if unchanged)	New name, if applicable	Other changes
CNA 105	CNS 140	Fundamentals of Voice and Data Cabling	Cisco Fundamentals of Voice and Data Cabling	
CNA 111	CNS 141	An Introduction to Internetworking	Cisco Introduction to Internetworking	
CNA 112	CNS 142	Principles of Internet Routing	Cisco Principles of Internet Routing	
CNA 113	CNS 143	Advanced Routing and Switching	Cisco Advanced Routing and Switching	
CNA 114	CNS 144	Network Interfacing Techniques	Cisco Network Interfacing Techniques	
CNA 121	CNS 145	Fundamentals of Cisco Wireless Networking	Cisco Fundamentals of Wireless Networking	Change prerequisite to: CNS 142 or consent of instructor, coordinator or program chair
LAN 105	CNS 105	Networking Essentials		
LAN 110	CNS 110	Windows Desktop Operating System	Microsoft Windows Desktop Operating System	
LAN 111	CNS 111	Windows Server Operating System	Microsoft Windows Server Operating System	
LAN 114	CNS 114	Managing a Windows Server Operating System	Microsoft Managing a Windows Server Operating System	Change credit:lecture:lab ratio to 3:3:1
LAN 116	CNS 116	Implementing and Maintaining Windows Network Infrastructure	Microsoft Implementing and Maintaining Windows Network Infrastructure	Change credit:lecture:lab ratio to 4:3:2
LAN 117	CNS 117	Planning and Optimizing Windows Network Infrastructure	Microsoft Planning and Optimizing Windows Network Infrastructure	
LAN 120	CNS 120	Planning, Implementing and Maintaining Windows Active Directory	Microsoft Planning, Implementing and Maintaining Windows Active Directory	
LAN 160	CNS 130	NetWare Administration	Novell Administration	
LAN 162	CNS 132	NetWare Design and Implementation	Novell Design and Implementation	
LAN 165	CNS 195	TCP/IP	TCP/IP Packet Analysis	
LAN 166	CNS 190	Windows Command Line Administration	Microsoft Windows Command Line Administration	
LAN 181	CNS 181	Fundamentals of Network Security I	Advanced Network Security I	
LAN 182	CNS 182	Fundamentals of Network Security II	Advanced Network Security II	
LAN 183	CNS 170	Principles of Information Security		
LAN 184	CNS 172	Network Defense & Countermeasures		
LAN 185	CNS 174	Introduction to Computer Forensics		
LAN 201	CNS 201	Designing a Windows Active Directory and Network Infrastructure	Microsoft Designing a Windows Active Directory and Network Infrastructure	
LAN 203	CNS 203	Designing Security for a Windows Network	Microsoft Designing Security for a Windows Network	
LAN 205	CNS 205	Implementing and Administering Security in a Windows Network	Microsoft Implementing and Administering Security in a Windows Network	
LAN 207	CNS 207	Installing, Configuring and Administering Microsoft SQL Server	Microsoft Installing, Configuring and Administering SQL Server	
LAN 209	CNS 209	Implementing and Managing Exchange Server	Microsoft Implementing and Managing Exchange Server	
LAN 210	CNS 210	Deploying and Managing Internet Security and Acceleration Server	Microsoft Deploying and Managing Internet Security and Acceleration Server (ISA)	
LAN 220	CNS 240	Introduction to Windows Small Business Server (SBS) Administration	Microsoft Introduction to Windows Small Business Server (SBS) Administration	
LAN 221	CNS 241	Advanced Windows Small Business Server (SBS) Administration	Microsoft Advanced Windows Small Business Server (SBS) Administration	
LAN 251	CNS 251	Internship Experience		
LAN 260	CNS 134	Advanced NetWare Administration	Novell Advanced Administration	
LAN 265	CNS 136	NetWare Service and Support	Novell Service and Support	
LAN 289	CNS 211	Creating and Managing a Web Server Using IIS	Microsoft Creating and Managing a Web Server Using IIS	
LAN 290	CNS 290	Topics in Local Area Networks	Topics in Computer Networking and Systems	

*Computer Networking and Systems Curriculum deleted from the catalog but which may be reinstated in the future:*

Certified Novell Engineer (CNE) Certificate (#0129)

## **COMPUTER OFFICE TECHNOLOGY**

*Course revisions:*

COT 106

Keyboarding Speed and Accuracy Development

Change course description to:

This is a course designed to increase keyboarding speed as well as improve keyboarding accuracy by diagnosing student weaknesses and prescribing individualized corrective practice.

Change prerequisite to: Keyboarding skill of a minimum of 15 wpm.

COT 118

Introduction to Telecommunications and the Internet

Change title to: Introduction to Business Telecommunications

Change course description to:

This course is an overview of telecommunications technology, with an emphasis on electronic mail and the Internet. The course also covers a wide range of materials from careers in telecommunications and networking, topologies, transmission media, security, and real world applications used in the industry.

Add prerequisite: Hands-on computer experience using software that runs in a Windows Operating System environment.

## **EDUCATION**

*Curriculum addition:*

Add a 60-62 semester credit hour Associate of Arts in Teaching – Secondary Mathematics (#0541).

*Curriculum revision:*

Revise the requirements for the A.A.S. for Paraprofessional Educators (#0082); total semester credit hours remain the same.

*Course additions:*

EDN 104

1:1:0

Pre-Clinical Observation in Education

This course, designed for Associate of Arts in Teaching majors and students planning on transferring to a four-year College of Education, provides thirty hours of hands-on experience in local schools through in-school experiences and service learning opportunities. The course will begin and end with class meetings to prepare for and reflect upon the pre-clinical experience.

Prerequisite: EDN 101 or concurrent enrollment in EDN 101.

EDN 250

3:3:0

Literature for Children and Young Adults

The purpose of this course is to expose students to the variety of literature available to children and young adults (ages 8-18). Students will explore issues relevant to children's and teen's reading – such as child development, cultural diversity, reading ability and preferences, and censorship – and read widely of the literature itself. This course includes a service project in a local school.

EDN 280

3:3:0

Students with Disabilities in School

This survey course presents the historical, philosophical and legal foundations of K-12 special education, as well as an overview of the characteristics of individuals with disabilities, the programs that serve them under the Individuals with Disabilities Education Act, and the diversity of the populations of individuals with disabilities. A 20-hour field experience is included in this course.

Prerequisite: EDN 101 or instructor's consent.

EDN 290

1-4:1-4:0

Topics in Educational Foundations

This course explores selected topics in educational foundations. Course content varies and may reflect emphasis on particular aspects of the history of education, sociology of education, philosophy of education, and comparative education. Students may repeat EDN 290 up to 3 times on different topics for a maximum of 12 credit hours.

Prerequisite: EDN 101 or instructor's consent.

Fee varies

*Course revisions:*

EDN 101

Introduction to Education

Add Illinois Professional Teaching Standards matrix and change course description to:

This course is an overview of American education as both a professional and a public enterprise. Social, historical, and philosophical foundations give perspective to an examination of current issues, policies, and trends in the field of education, including cultural diversity, organizational structure, finance, law and ethics. This course includes fifteen (15) hours in a local school setting.

EDN 103

Pre-Clinical Observation in Education

Change title to: Paraprofessional Pre-Clinical Observation

Change course description to:

This course, designed for Associate of Applied Science - Paraprofessional Educator majors, provides ten hours of hands-on experience in local schools through service learning opportunities. The course will begin and end with class meetings to prepare for and reflect upon the pre-clinical experience.

EDN 210

Technology in Education

Add Illinois Professional Teaching Standards matrix and change course description to:

This course is for education majors and is designed to give students hands-on experience in using technology to find, analyze, organize, present and implement information related to the use of technology in education. Students are provided opportunities to improve their technological fluency and develop their ability to creatively and meaningfully integrate technology into their teaching in today's inclusive classrooms. Students are challenged to analyze the role technology can and should play in education in society and to develop strategies to compensate for the possible digital divide among their students. Students consider the historic interplay of education and new technologies. This course includes 10 hours of experience in a local school.

**ELECTRONICS AND COMPUTER TECHNOLOGY**

*Curriculum addition:*

Add a 9 semester credit hour Home/Office Technology Integrator Certificate (#0161).

## **ENGINEERING**

### *Course revision:*

ENG 220

Engineering Circuit Analysis

Change credit:lecture:lab ratio to 4:3:2

Change course description to:

This course is a complete introduction for all engineering majors requiring linear circuit analysis. Topics include circuit elements, resistive circuits, nodal and loop analysis, equivalence and superposition, capacitance and inductance, analysis of transient circuits, steady-state AC and power analysis. Lab work will be incorporated to familiarize the student with the use of measuring equipment and analysis of resulting data in the comparison of actual and theoretical circuits.

## **ENGLISH**

### *Course additions:*

EGL 223

3:3:0

Contemporary American Literature

This course emphasizes the diversity of literary genres, cultural attitudes, and major writers of the contemporary period. In addition to fiction, poetry, and drama, students will also read influential television and film texts as forms of popular contemporary American narrative.

Prerequisite: EGL 101 or placement into EGL 101.

IAI H3 915

EGL 227

3:3:0

Introduction to Native American Literature

This course examines selected readings of Native American fiction, poetry, and drama. It introduces the vocabulary and processes for analyzing and evaluating these readings and includes discussion of social, intellectual, and historical influences. Discussion and writing assignments emphasize analysis and evaluation of form, thematic development and style in Native American literature.

Prerequisite: EGL 101 or placement into EGL 101.

IAI H3 910D

EGL 228

3:3:0

Gender, Identity and Literature

This course will explore the representation of gender and sexuality in poetry, fiction, drama and film, examining how notions of gender and sexuality affect identity. Emphasis will be placed on the social, historical and intellectual contexts of the literary works.

Prerequisite: EGL 101 or placement into EGL 101.

IAI H3 911D

### *Course revisions:*

EGL 224

American Ethnic Literature

Change prerequisite to: EGL 101 or placement into EGL 101.

EGL 225

Women and Literature

Change prerequisite to: EGL 101 or placement into EGL 101.

*English course revisions (cont.)*

EGL 226  
African-American Literature  
Change prerequisite to: EGL 101 or placement into EGL 101.

EGL 230  
Non-Western Literature in English  
Change prerequisite to: EGL 101 or placement into EGL 101.

**FACILITIES MANAGEMENT AND ENGINEERING**

*Curriculum revisions:*

Revise the requirements for the A.A.S. in Facilities Management and Engineering (#0365); total semester credit hours remain the same.

Revise the requirements for the Facilities Management Certificate (#0368); total semester credit hours remain the same.

Revise the requirements for the Facilities Engineer Certificate (#0369); total semester credit hours remain the same.

*Course revision:*

FME 201  
Building Energy Systems  
Change title to: Mechanical and Electrical Systems in Buildings  
Change credit:lecture:lab ratio to 4:4:0  
Change course description to:

This course is an overview of the electrical and mechanical systems of buildings. Topics included are power and lighting distribution, motor controls, alarm systems, telephone, computer systems, and energy management. Mechanical systems reviewed include HVAC, refrigeration, plumbing, and fire protection. Electrical and mechanical building codes are studied as well as indoor air quality, communications, life safety and security systems.

**FINANCIAL SERVICES**

*Course additions:*

FIS 150 3:3:0  
Global Trading of Currencies (*title and description shown in catalog are incorrect*)  
This course presents the basics of trading in global currencies such as the euro and yen.

FIS 230 3:3:0  
Advanced Fundamental Analysis  
This is an advanced course which requires a basic understanding of macroeconomics and the financial markets. This course examines the stock and bond markets and their relationship to corporations and its investors. Emphasis is placed on the time value of money, the definition of value, the basic characteristics of common stock, the relationship between risk and return, and calculation of a stock's expected return. Several different investment alternatives and their characteristics are addressed. Actual market conditions and current events are incorporated into the classroom.  
Prerequisite: FIS 101 or FIS 102 or FIS 237 or consent of instructor or chairperson.

*Financial Services course additions (cont.)*

FIS 239

1:1:0

Advanced Options Markets

This is an advanced course that requires an advanced understanding of put and call options. Emphasis is on the relationship of several individual options to others of the same class. Actual market conditions strategies are explored.

Prerequisite: FIS 101 or FIS 102 or FIS 237 or consent of instructor.

**GEOGRAPHY**

*Course revisions:*

GEG 120

Introduction to Geography

Change title to: World Regional Geography

Change course description to:

This course will analyze the regions of the world by looking at the patterns and distributions of different nations in regards to their economic, political and social organizations. This course helps students gain a global perspective on current world events by focusing on aspects of development and underdevelopment using representative regions as examples.

GEG 130

Economic Geography

Change course description to:

This course is a topical study of variations in spatial distribution of economic activities. Production, consumption, and distribution patterns analyzed in relation to location theory, stages of economic development, relative importance of government intervention and market forces, international alliances, and multinational corporations. Processes of economic development, globalization, and technological innovation emphasized.

**HEALTH INFORMATION TECHNOLOGY**

*Curriculum revision:*

Revise requirements for the Medical Transcription Certificate (#0286); total semester credit hours remain the same.

*Course revisions:*

HIT 101

Introduction to Medical Transcription I

Change title to: Introduction to Medical Transcription

Change credit:lecture:lab ratio to 4:3:2

Change course description to:

This course is designed to develop speed and accuracy in transcription of correspondence and medical reports with physician-dictated media organized by medical specialty. Associated pharmacy vocabulary is integrated in the course by body system. Grammar and punctuation review, editing and proofreading, the efficient use of medical references and other resources are studied in the course. The course includes practical experience in transcription for medical offices and clinics.

HIT 102

Advanced Medical Transcription

Change credit:lecture:lab ratio to 4:3:2

Change prerequisite to: HIT 101 and HIT 104 with minimum grades of C or consent of instructor.

*Health Information Technology course revisions (cont.)*

HIT 125

Seminar: Medical Office Billing

Change title to: Medical Billing Practices

HIT 151

Practicum: Medical Transcription

Change title to: Advanced Surgical and Specialty Transcription

Change course description to:

This course is designed to increase speed and accuracy by increasing proficiency in surgical report transcription. Practical experience is provided in advanced specialty and general surgical transcription.

Change prerequisite to: HIT 102 with minimum grade of C or consent of instructor.

HIT 193

Computer-based Patient Record

Change title to: Electronic Health Records

Change course description to:

This course focuses on the structure of electronic health records (EHRs). The student receives an overview of how the health care industry is transitioning to electronic health record systems. A study will be made of the components of EHRs, technologies for input into EHRs, privacy, security issues which affect the access to and use of patient information.

**HISTORY**

*Course additions:*

HIS 121

3:3:0

History of the Vietnam War

This course examines the history and politics of the Vietnam War, beginning with the war between the French and the Vietnamese following World War II and ending with the defeat of the South by the North in 1975.

HIS 225

3:3:0

History of the Islamic Middle East from the 7<sup>th</sup> Century to 1918

This course provides a one-semester historical survey of the Islamic Middle East from the birth of Islam to the end of the First World War. In addition to social, political, and economic developments, a particular emphasis will be placed on the role of religion in shaping Middle Eastern culture and society. The course will also focus on the ways in which Islam helped foster a unified political and legal system, and a common identity which provide the backdrop for much of the contemporary political discourse in the region.

IAI S2 918N

HIS 227 (*ICCB approved but not yet published in the catalog*)

3:3:0

History of the Arab-Israeli Conflict

This course is a survey of the Arab-Israeli conflict from the beginnings of Zionist immigration into Palestine up to the present.

*Course revision:*

HIS 211

History of Modern Africa

Change course description to:

This course examines the political, cultural and socio-economic history of Africa from 1885 to the present. Course themes include the end of European colonialism, the emergence of independent African nation states, neo-colonialism, Africa during the Cold War, the rise and fall of African dictatorships, apartheid, ethnicity and genocide, popular movements toward democratization and the impact of globalization. Individual case studies will focus on South Africa, Nigeria, Kenya, Uganda, Tanzania, Rwanda, Ghana, Liberia and the Democratic Republic of Congo. The course also examines the role of the African novel, film, music and popular art in understanding the complexities of African history.

**HUMANITIES**

*Course additions:*

HUM 210

3:3:0

World Mythologies

This class explores the nature of mythology through study of folklore and legendary narratives. Themes, archetypal figures and situations, symbolism and figurative language are emphasized.

IAI H9 901

HUM 260

3:3:0

Perspectives on Film

This course presents the different modes of filmmaking including narrative, documentary, and animation. It also examines a variety of current critical methodologies for studying film. These methodologies may include genre theory, authorship theory, star theory, national cinema, feminist film theory, and structuralist theory (hero studies).

IAI F2 908

**LAW ENFORCEMENT**

*Curriculum revisions:*

Add new course LAE 236 to the list of electives for the A.A.S. in Law Enforcement (#0240); total semester credit hours remain the same.

Add new course LAE 236 to the list of electives for the Law Enforcement Certificate (#0241); total semester credit hours remain the same.

*Course addition:*

LAE 236

3:2:2

Electronic Imaging for Police Investigations

This course is designed to acquaint the student with the software imaging technology used for law enforcement investigations. Methods, protocols, and techniques for forensic video analysis and enhancement, composite drawing software and computer-aided fingerprint identification and comparison will be addressed.

Fee \$30

## **LOCAL AREA NETWORKS (Computer Networking and Systems)**

### *Course revisions:*

LAN 155 (now CNS 114)

Managing a Microsoft Network

Change course number to: 114

Change title to: Managing a Windows Server Operating System

Change credit:lecture:lab ratio to 4:3:2 (now 3:3:1)

Change prerequisite to: LAN 111 or LAN 171 consent of the instructor, coordinator or department chair

LAN 165 (now CNS 195)

TCP/IP

Change the credit:lecture:lab ratio to 3:3:1

Change the prerequisite to: LAN 105 or consent of instructor, coordinator or department chair.

## **MANAGEMENT AND SUPERVISION**

### *Curriculum withdrawal:*

Purchasing Management Certificate (#0227)

### *Course additions:*

MGT 115

3:3:0

Introduction to Nonprofit Management

This course presents the basic language and concept within the nonprofit sector. Topics include strategic planning, development of mission and vision, the nonprofit structure, ethic and accountability, managing volunteers, working with your board and an overview of the regulatory environment.

MGT 231

3:3:0

Safety and Risk Management

This course focuses on creating and perpetuating a safe and productive environment for all stakeholders by diminishing and controlling corporate and individual liability through sound decision making.

MGT 232

3:3:0

Managing Diversity in the Workplace

This course examines issues related to managing and being a member of a diverse workforce. Diversity-related issues with management implications to be examined include social identity, recruitment and selection, work groups and team interaction, sexual harassment, workplace romance, leadership, work and family, accommodation of people with disabilities, and organizational strategies for promoting equal opportunity following a multicultural approach.

MGT 271

3:3:0

Cases in Human Resource Management

This course takes a case study approach, examining how a variety of companies have dealt with human resource issues.

Prerequisite: MGT 165.

*Course revisions:*

MGT 226

Project Team Leadership

Change course number to: 236

Change title to: Project Management

Change credit:lecture:lab ratio to 3:3:1

Change course description to:

This class provides a general introduction to the principles of Project Management as defined by the Project Management Institute (PMI). Through the use of experiential exercises and team participation, students gain experience with computer-based project management procedures. Basic familiarity with state-of-the-art Project Management Software is covered. This is the same course as CIS 236; students cannot receive credit in both MGT 236 and CIS 236.

Add fee:

Fee \$10

MGT 251

Practicum

Change prerequisite to: Satisfactory completion of 12 hours of MGT courses.

*Course withdrawals:*

MGT 227

Budget Management and Activity-Based Costing

MGT 230

Advanced Purchasing Management

*Course deleted from the catalog but which may be rescheduled in the future:*

MGT 105 Understanding and Applying Business Skills

**MANUFACTURING TECHNOLOGY**

*Curriculum revisions:*

Change the requirements for the A.A.S. in Manufacturing Technology (#0274); total credit hours remain the same.

Change the elective requirements within the Manufacturing Technology Certificate (#0271); total credit hours increase from 31 to 32.

*Course revisions:*

MFG 142

CNC Setup and Operation

Delete prerequisite

MFG 144

Introduction to CNC

Delete prerequisite

MFG 240

Programmable Controllers (PLC)

Change prerequisite to: Knowledge of basic electricity is required.

*Manufacturing Technology course revisions (cont.)*

MFG 250

Advanced PLC/Automation Applications

Change prerequisite to: MFG 240.

**MARKETING MANAGEMENT**

*Course addition:*

MKT 253

3:3:0

Crisis and Issue Management

This course provides an introduction to crisis management from a public relations perspective. It examines the types of crises encountered, potential impact on the organization and its stakeholders, and strategies for prevention, management and recovery.

Prerequisite: MKT 240.

*Course revisions:*

MKT 135

Nonprofit Law and Government Relations

Change title to: Nonprofit Law, Policy and Government Relations

Change credit:lecture:lab ratio to 3:3:0

MKT 151

Customer Service and Satisfaction

Change course description to:

This course focuses on the skills and strategies that lead to successful implementation of customer service. Students will design a comprehensive customer service program and apply customer satisfaction research to measure its effectiveness.

MKT 230

Consumer Behavior

Change course description to:

This course reviews and analyzes areas of consumer and organizational buying behavior that guide marketing management decisions. The focus of this course will be to recognize and apply consumer behavior theories to marketing strategies in a diverse marketplace.

MKT 240

Public Relations: Media Relations

Change title to: Introduction to Public Relations

Change course description to:

This course provides an overview of the practices, theories, ethics, issues, and problems of public relations. Integrated into the course are practical applications.

Delete prerequisite

*Marketing Management course revisions (cont.)*

MKT 243

Advanced Publications Workshop

Change title to: Managing Publications

Change course description to:

In this course, students get an opportunity to apply PR and marketing principals to a hands-on experience producing an entertaining and informative public relations publication. Students learn to manage basic concepts related to layout, graphics, photography, production, printing and distribution of publications.

Change prerequisite to: MKT 240 and knowledge of publications software.

MKT 251

Marketing Practicum

Change prerequisite to: Satisfactory completion of 12 hours of MKT courses and consent of program chair.

**MATHEMATICS**

*Course revisions:*

MAT 102

Mathematics for Allied Health

Change credit:lecture:lab ratio to 2:2:0

Change course description to:

This course covers common mathematics requirements for Allied Health Sciences. It includes a brief review of fractions, decimals, percents, ratio and the International System of Measurement (Metric). Other topics covered include apothecary and household systems, system conversions and reading and calculating medication doses. This course incorporates the use of technology when appropriate.

MAT 111

Business and Consumer Mathematics

Change course description to:

This course reviews arithmetic and introduces algebraic techniques for students pursuing Oakton degrees and certificates in business related fields. Topics include profit and loss, interest, amortization, installment transactions, percentage, discount, taxes, depreciation and statistics. Calculators and spreadsheets will be used where appropriate.

MAT 114

Applied Mathematics I

Change course description to:

This course reviews and extends skills in arithmetic, elementary algebra, geometry and scientific notation for students pursuing Oakton degrees and certificates in technological fields. Problems are drawn from the areas of technology, including electronics, architecture, facilities operation, fire science and building energy systems.

MAT 120

Intermediate Algebra

Change course description to:

This course covers real and complex numbers, exponents, polynomials, radicals, first- and second-degree equations, system of equations, inequalities and rational expressions.

*Mathematics course revisions (cont.)*

MAT 125

Quantitative Literacy

Change course description to:

This course is designed to enable students to reason quantitatively from a variety of mathematical perspectives. Topics include statistics, logic, geometry, estimation, and the process of problem solving. This course will incorporate the use of technology when appropriate. This course will fulfill the general education requirements for the Bachelor of Arts except for science majors, but will not fulfill the requirement for the Bachelor of Science.

MAT 129

Foundations of Mathematics for Elementary Teachers II

Change course description to:

This course is a continuation of the contemporary and heuristic approach of MAT 128. Principal topics include: recognizing and analyzing two- and three-dimensional geometrical shapes, measurement, triangle congruence and similarity, Euclidean constructions, coordinate and transformational geometry, elementary logic, dynamic geometry or computer algebra software, equivalence relations, and clock arithmetic as an exemplar of a finite mathematical system. This course will incorporate the use of technology when appropriate.

**NATURAL SCIENCE**

*Course deleted from the catalog but which may be rescheduled in the future:*

NSC 102 Introduction to Physical Science

**NURSING**

*Curriculum deleted from the catalog but which may be reinstated in the future:*

Introduction to Community Health for the Registered Nurse Certificate (#0326)

*Course deleted from the catalog but which may be rescheduled in the future:*

NUR 265 Introduction to Community Health for the Registered Nurse

**PHILOSOPHY**

*Course addition:*

PHL 245

3:3:0

Foundational Religious Texts

This course is a humanistic study of one or more of the foundational documents of the world's major religions, such as the Hebrew Bible, the New Testament, the Qur'an (Koran), or the Vedas. This course can be repeated once.

IAI H5 901

## **PHYSICAL EDUCATION**

### *Course addition:*

PED 205 2:2:0  
Introduction to Elementary School Physical Education Curriculum and Methods  
This course is designed to introduce prospective educators to contemporary curriculum models, materials, and activities used in elementary school physical education. Teaching methods, styles, and planning, as well as child growth in psychomotor, cognitive, and social domains will be examined.

## **PHYSICAL THERAPIST ASSISTANT**

### *Course addition:*

PTA 280 1:1:0  
PTA Licensing Exam Review  
This course will provide the student with a systematic review of PTA practice in preparation for the PTA licensing exam. An example computer-based licensing exam will be provided at the end of the course.  
Prerequisite: Graduate of associate degree PTA program who meets the requirement for licensure in Illinois.

## **POLITICAL SCIENCE**

### *Course additions:*

PSC 111 3:3:0  
Political Parties and American Politics  
This course examines the historical development and modern status of political parties and the role they play in the American political process.

PSC 209 3:3:0  
United States Foreign Policy  
This course examines contemporary American foreign policy making and conduct in their historical context. Foreign policy institutions, actors, and traditions, as well as the structure and organization of the international system will provide the analytical framework for understanding current U.S. foreign policy choices. Historical case studies and current international issues will be used to exemplify the underlying principles and values of U.S. foreign policy.

### *Course revision:*

PSC 202  
International Relations  
Change course description to:  
This course provides the theoretical foundation, historical background, and conceptual framework for understanding contemporary international relations. The topics discussed include international relations theory; the development of the modern international political system; power, diplomacy, and foreign policy; war and peace; international law and organizations; international political economy and globalization. Case studies will be used extensively to exemplify the problems and potential solutions of contemporary international politics.

## **PSYCHOLOGY**

### *Course revisions:*

PSY 103

Social Psychology

Change course number to: 202

PSY 201

Educational Psychology

Add Illinois Professional Teaching Standards matrix and change course description to:

This course applies psychological principles to education. Learning, human development, assessment, social influences on learning and the role of the teacher are emphasized. This course includes 10 hours of observation in a local school.

## **WORLD WIDE WEB**

### *Curriculum additions:*

Add a 16-credit-hour Web-Based Course Developer Certificate (#0462).

Add a 15-credit-hour Web Site Developer Certificate (#0463).

### *Curriculum revision:*

Change the requirements for the Web Site Support and Maintenance Certificate (#0460); total semester credit hours are reduced to 27.

### *Course additions:*

WWW 135

3:3:1

Introduction to Web-Based Course Development

This introductory level course covers the various developmental and implementation models for designing an online instructional course module as well as the tools necessary to maintain such courses. Students develop skills necessary for working with clients and subject matter experts as well as hands-on experience developing, executing, debugging, and assessing instructional course modules and their components.

Prerequisite: WWW 131 or basic knowledge of HTML or consent of instructor, coordinator or department chair.

Fee \$25

WWW 145

3:3:1

Introduction to Database-Driven Web Sites

This class provides a general introduction to the basic framework of a database-driven web site. Students use sample databases and a popular, industry standard software tool for creating site definitions and to plan, develop, and implement a web database application.

Prerequisite: WWW 141 or equivalent knowledge.

Fee \$25

WWW 195

3:3:1

E-Learning Development

This capstone course applies a set of ideas and methods for planning, creating and managing a web-based e-learning instructional system. Students reflect upon and implement skills, methods and technologies

learned in previous e-learning courses to research, analyze, plan and develop an e-learning instructional system project.

**Prerequisite:** Successful completion of certificate core courses, comparable experience, or consent of instructor, coordinator or department chair.

Fee \$25

*Course revision:*

WWW 181

Client Scripting

Change title to: Web Scripting

Add repeatability

Change course description to:

During this combination hands-on and lecture course, students will become familiar with developing web applications with JavaScript, PHP, XML, or another contemporary web language. Students will learn to enhance web pages using interactive features, manipulate built-in objects, and validate and process forms. This course can be repeated on different topics up to three times for up to twelve credits.

Change prerequisite to: CIS 105 and WWW 171 with a grade of C or better, or consent of instructor, coordinator or department chair.

**End of SECTION II**

**(COURSE & CURRICULUM CHANGES INCLUDED IN 2005-2006 CATALOG)**

## SECTION III

### COURSE & CURRICULUM CHANGES NOT INCLUDED IN 2005-2006 CATALOG [APPROVED AFTER CATALOG WENT TO PRESS]

#### ART

##### *Course addition:*

ART 240 3:1:10

Museum Studies: Field Experience

The student will gain experience in the museum field by serving an internship (paid) or practicum (unpaid) for 10 hours per week at a Chicago area museum (art, history, natural history, science, botanic garden).

The job will be appropriate to the student's skills. The student will meet regularly with the instructor to provide detailed reports of the work experience.

Prerequisite: ART 120.

#### BIOLOGY

##### *Course additions:*

BIO 104 3:3:0

Human Genetics

This course is an introduction to basic genetic principles and their applications in human populations.

Topics include the cell cycle; structure, function, mutation and transmission of the genetic material; the role of genetics in health care and biotechnology; and the ethical, psychological and social implications of gene-based medicine. Students cannot receive credit for both BIO 104 and BIO 105.

BIO 105 4:3:3

Human Genetics

This course is an introduction to basic genetic principles and their applications in human populations.

Topics include the cell cycle; structure, function, mutation and transmission of the genetic material; the role of genetics in health care and biotechnology; and the ethical, psychological and social implications of gene-based medicine. This course is identical to BIO 104 except that BIO 105 includes weekly hands-on laboratory activities. Students cannot receive credit for both BIO 104 and BIO 105.

Fee \$40

#### COMPUTER APPLICATION SOFTWARE

##### *Course revisions:*

CAS 131

Electronic Spreadsheets for PCs

Change title to: Electronic Spreadsheets Using Excel for PCs

Change course description to:

This course introduces students to Microsoft Excel. Learning activities emphasize business applications and problem solving.

Change prerequisite to:

Computer experience using software that runs in Microsoft Windows and MAT 047 or higher recommended.

CAS 231

Advanced Spreadsheets for PCs

Change title to: Advanced Spreadsheets Using Excel

Change course description to:

This course is a continuation of Electronic Spreadsheets for PCs (CAS131). Students will learn advanced Excel techniques, such as interfacing with external data sources using XML, locating and resolving errors using Excel auditing tools, tracking and managing changes, and managing collaboration on workbooks.

Change prerequisite to:

CAS 131 or consent of instructor or chairperson.

## **COMPUTER NETWORKING AND SYSTEMS**

*Course revisions:*

CNS 140

Cisco Fundamentals of Voice and Data Cabling

Change title to: Cisco Network Infrastructure Essentials

CNS 141

Cisco Introduction to Internetworking

Change title to: Cisco Networking Basics Competencies

CNS 142

Cisco Principles of Internet Routing

Change title to: Cisco Routers and Routing Basics Competencies

CNS 143

Cisco Advanced Routing and Switching

Change title to: Cisco Switching Basics and Intermediate Routing Competencies

CNS 144

Cisco Network Interfacing Techniques

Change title to: Cisco WAN Technologies Competencies

## **COMPUTER TECHNOLOGIES AND INFORMATION SYSTEMS**

*Curriculum revision:*

Change the requirements for the Network Security Administrator Certificate (#0152); total semester credit hours remain the same.

## **EARLY CHILDHOOD EDUCATION**

*Course revision:*

ECE 104

Introduction to Early Childhood Education

Change course description to:

This course, introducing the student to the field of early childhood education, includes an overview of the history and philosophy of early childhood education as it relates to appropriate program practices. Different types of early childhood programs are studied and observed. Emphasis is on developing

professional observation skills and interacting appropriately with young children. All students must complete a ten-week/20-hour field experience in an instructor-approved early childhood education program. Students must successfully complete both the academic and field placement components of this course.

## **EDUCATION**

### *Curriculum addition:*

Add a 31 semester credit hour Paraprofessional Educator Certificate (#0083).

### *Course revision:*

EDN 101

Introduction to Education

Change course description to:

This course is an overview of American education as both a professional and a public enterprise. Social, historical, and philosophical foundations give perspective to an examination of current issues, policies, and trends in the field of education, including cultural diversity, organizational structure, finance, law and ethics. This course includes fifteen (15) hours in a local school setting.

## **ELECTRONICS AND COMPUTER TECHNOLOGY**

### *Course revision:*

ELT 105

Fundamentals of Voice and Data Cabling

Change title to: Cisco Fundamentals of Voice and Data Cabling

## **HISTORY**

### *Course addition:*

HIS 234

3:3:0

History of Latin America, 1825 to 1945

This course surveys the political, social, economic and cultural development of Central and South America from independence to the beginning of the Cold War. Special attention is given to examining the role of literature, film, music and popular art in understanding the complexities of Latin American history.

IAI S2 911N

## **HOTEL MANAGEMENT**

### *Course revision:*

HFM 184

Foodservice Sanitation

Change prefix to ECE

Change course description to:

The student is introduced to the theory and practice of food and environmental sanitation in a food-production area. Illinois state law currently requires that all food service operators have at least one employee certified in sanitation on the premises. The City of Chicago requires that at least one person who is certified be on the premises whenever food is being prepared and/or served. This course meets the certification requirements of the Illinois Department of Public Health and the Illinois Department of Children and Family Services Licensing regulations. Special focus for this course is on Early Childhood and Family Child Care Programs.

## **HUMAN SERVICES**

### *Course addition:*

HSV 260 1:1:0  
CADC Test Review

This course will review the content of the course work in the Substance Abuse Counseling Certificate program and the Core Functions required by IAODAPCA to receive the CADC (Certified Alcohol and Drug Counselor) credential. The focus of the course will be to prepare students for the IC&RC examination.

Prerequisite: HSV 155 or consent of coordinator.

## **INTERNATIONAL TRADE**

### *Curriculum revision:*

Change the requirements for the International Trade Certificate (#0202); total semester credit hours remain the same.

## **MARKETING MANAGEMENT**

### *Curriculum revision:*

Change the requirements for the Nonprofit Advancement Certificate (#0455); total semester credit hours remain the same.

### *Course revisions:*

MKT 215  
Principles of Advertising  
Change title to: Introduction to Advertising  
Change course description to:

Topics include the role of advertising in integrated marketing communications, consumer behavior, creative strategies, and types of media. Practical applications are integrated into the course.

MKT 244  
Public Relations II: Special Events  
Change title to: Advanced Public Relations and Special Events

MKT 280  
Advertising Workshop  
Change title to: Advanced Advertising

## **MANAGEMENT AND SUPERVISION**

### *Course revision:*

MGT 105  
Understanding and Applying Business Skills  
Change credit:lecture:lab ratio to 3:3:0

## **PHYSICAL EDUCATION**

### *Course additions:*

PED 128 1:0:2

Yoga I

This class is designed to introduce yoga postures with fitness movements in order to increase flexibility, strength, range of motion and improve balance. Techniques will focus on relaxation and breathing.

Fee \$25

PED 129 1:0:2

Yoga II

This class continues to explore a variety of yoga postures with fitness movements in order to increase flexibility, strength, range of motion and improve balance. Techniques will focus on relaxation and breathing.

Fee \$25

### *Course revisions:*

PED 130

Conditioning – Stretch, Shape, Tone

Change title to: Conditioning I

Change course description to:

This activity course is designed to shape, strengthen and tone the major muscle groups for total body fitness or sport specific skills. A variety of exercises and equipment will be used.

PED 131

Physical Fitness

Change title to: Physical Fitness I

Change course description to:

This activity course is designed to aid in the development of the student's physical fitness. Weight machines and aerobic exercise equipment will be used to develop strength, improve muscle tone, flexibility, and aerobic endurance. Students may only enroll in one of the following courses within the same semester: PED 131, PED 132, PED 141, or PED 190.

PED 132

Weight Training I

Change course description to:

This activity course is an introduction to the basic skills of lifting weights for the purpose of physical development. The basic lifts are taught with emphasis on constructing an individual weight program for the purpose of developing strength, endurance, flexibility and muscle tone. Students may only enroll in one of the following courses within the same semester: PED 131, PED 132, PED 141, or PED 190.

PED 141

Physical Fitness II

Change course description to:

This activity course is designed to aid in the development of the student's physical fitness. Weight machines and aerobic exercise equipment will be used to develop strength, improve muscle tone, flexibility, and aerobic endurance. Students may only enroll in one of the following courses within the same semester: PED 131, PED 132, PED 141, or PED 190.

*Physical Education course revisions (cont.)*

PED 160

Conditioning II – Stretch, Shape, Tone

Change title to: Conditioning II

Change course description to:

This activity course is designed to further shape, strengthen and tone the major muscle groups for total body fitness or sport specific skills. A variety of exercises and equipment will be used.

PED 190

Fitness Center

Change course description to:

This activity course is designed to develop fitness through proper exercise. Various types of equipment will be used to exercise every major muscle group while the heart rate is maintained at exercise level.

Students may only enroll in one of the following courses within the same semester: PED 131, PED 132, PED 141, or PED 190.

**PSYCHOLOGY**

*Course addition:*

PSY 122

3:3:0

Human Sexuality

This course examines the biological, psychological and social aspects of human sexuality. Topics include sexual identity and effects of genetic, cultural and environmental influences on human relationships and behavior.

IAI SW 912

