



1600 E. Golf Rd.
Des Plaines, IL 60016

ACADEMIC BRIEFING

SPRING 2021

Anna Shipulina

ashipuli@oakton.edu

Curriculum Navigator | Academic Affairs

Phone: 847-635-1871

Fax: 847-635-1997

This publication is to inform other colleges and universities about pertinent course/curriculum revisions which may affect articulation. Changes are reflected in the catalog for the forthcoming (2021-2022) academic year. The [2021-22 Academic Catalog](#) is available from Oakton website (www.oakton.edu) as of May 2021.

An electronic version of this document may be found online at the [Institutional Publications](#) page of Oakton website.

SECTION I Course & Curriculum changes included in the 2021-2022 Catalog: Pages 2 – 18
Effective Spring 2021 – Fall 2021

SECTION II Course & Curriculum Changes included in the 2020-2021 Catalog: Pages 19 – 20
Effective Spring 2022



Note: Course and curricula revisions and additions are effective Fall 2021 unless otherwise noted.

SECTION I

COURSE & CURRICULUM CHANGES INCLUDED IN 2021-2022 CATALOG: Effective Spring 2021 – Fall 2021

ACCOUNTING

Course revisions (effective Spring 2021)

ACC 241 Intermediate Accounting I

Change course description.

Course presents development, usefulness and limitations of financial accounting. Content includes the study of financial statements, conceptual framework of accounting, present value techniques, as well as issues arising from cash, receivables, inventories, long-term assets, and current liabilities.

ACC 242 Intermediate Accounting II

Change course description.

Course presents theory and practice relating to liabilities, equity, and statement of cash flows. Content includes study of debt and stock securities, earnings per share, accounting for income taxes, pension costs and leases, statement of cash flows, and financial reporting. Accounting research is included using professional databases to resolve accounting issues.

ANTHROPOLOGY

Course revisions (effective Spring 2021)

ANT 202 Introduction to Social and Cultural Anthropology

Change course code to **ANT 102**

ANT 203 Introduction to Archaeology

Change course code to **ANT 103**

ANT 204 Introduction to Physical Anthropology

Change course code to **ANT 104**

Change course description.

Course introduces physical anthropology, subfield of anthropology that includes study of biological, social and cultural aspects of human evolution and adaptation. Content includes fossil record and principles of population genetics, used to explore theory of evolution, primate behavior, concept of race, and human adaptation and evolution.

ART

Course addition (effective Spring 2021)

ART 137 Ceramics: Introduction to Wheel-Throwing (3:0:6)

Fee: \$60

Course introduces students to the potters' wheel as primary forming tool or expressive functional pottery. Content includes creating tableware: cups, vases, bowls, plates, covered jars, pouring vessels as well as glazing, terminology, ceramic art history, and firing methods. Focus is on development of personal artistic style within the creation of artwork.

Curriculum revision

Associate in Fine Arts (A.F.A.) – Art (#0801)

Change electives. Total semester credit hours remain the same.

BIOLOGY

Course addition (effective Spring 2021)

BIO 116 Microbe and Society (3:3:0)

A non-lab introductory science course in microbiology designed for non-science majors who wish to explore the vast universe of microbes and their roles in life on earth. The course focuses on the impact of microbes on human affairs and society. Content includes microbial diversity, cell structure and function, growth and reproduction, genetics, molecular biology and evolution, and the role of microbes in the environment, agriculture, industry, and in human welfare and disease.

Course revisions

BIO 110 Sex and Gender Basis of Life, Wellness and Disease (effective Spring 2021)

Change course title to: **Sex, Gender and Health**

Change course description:

Non-laboratory course explores the intersection of sex and gender with health and disease states. Content includes a comparison of the sociological and biological factors that influence health, the role of sleep and blood pressure in human health, and the development of Alzheimer's disease, cardiovascular disease, autoimmune diseases and cancer. After reviewing each wellness or disease state, the impact of sex and gender on that state will be discussed.

BIO 112 Essentials of Nutrition

Change course description.

Course introduces concepts and principles of the science of nutrition. Content includes identification and definition of the nutritional components of food; elements of digestion, metabolism and energy management; consideration of nutrition requirements for each age group and health problems related to diet. Intended for anyone interested in becoming a more knowledgeable consumer of nutritional information.

BIO 231 Human Anatomy and Physiology I

Change course description.

The course begins with an introduction to the human body, basic biochemistry, cytology and histology. Following that foundation, the anatomy and physiology of the integumentary, skeletal, muscular, central nervous system and peripheral nervous systems are explored. First of two-part sequence. Intended primarily for student in health fields. Students cannot receive credit for both BIO 231 and BIO 233.

BIO 232 Human Anatomy and Physiology II

Change course description.

Laboratory course continues BIO 231. Content includes structure and function of special senses, circulatory, immune, digestive, respiratory, urinary, endocrine and reproductive systems. Cadavers and other appropriate specimens are used. Second of two-part sequence. Intended primarily for students in allied health fields. Students cannot receive credit for both BIO 232 and BIO 234.

BIO 242 Pathophysiology

Change prerequisite to: BIO 232 or BIO 234 with a minimum grade of C or instructor consent.

BIO 244 Principles of Pharmacology

Change prerequisite to: BIO 232 or BIO 234 with a minimum grade of C or concurrent enrollment in BIO 232 or BIO 234.

BIO 251 Microbiology

Change prerequisite to: BIO 121 (preferred) with a minimum grade of C or BIO 232 or BIO 234 with a minimum grade of C or concurrent enrollment in BIO 232 or BIO 234 approved by the Department Chair.

CANNABIS STUDIES

Course addition

CNB 107 Botany and Cultivation of Cannabis (5:3:6)

Fee: \$50

Laboratory course focuses on the anatomical and biological aspects of the cannabis plant. Students will work with the cannabis plant or a substitute plant. Content includes seed to harvest cannabis growth cycle, plant health, agricultural cultivation techniques, state regulations of industry standards, and structural and physiological aspects of cannabis including terpenes, cannabinoids, and the pharmacokinetics of cannabis. **Prerequisite:** CNB 101 and CNB 106 with a minimum grade of C.

Curriculum addition

Add 12-credit-hour **Cannabis Cultivation Certificate (#0413)** – *pending ICCB approval*

GHEMISTRY

Course revisions

CHM 226 Organic Chemistry II Lecture

Change course description.

Course is second of two-course sequence (CHM 225 and CHM 226). Content includes study of structure, nomenclature, properties and reactions of alcohols and phenols, aldehydes and ketones, carboxylic acids and their derivatives, amines, condensation reactions, polymers, and biomolecules. Credit cannot be earned in both CHM 222 and CHM 226. Credit cannot be earned in both CHM 224 and CHM 226.

CHM 228 Organic Chemistry II Laboratory

Change course description.

Laboratory focuses on the preparation, separation, purification and identification of organic compounds (alcohols, ketones and aldehydes, carboxylic acids and derivatives, amines, polymers). Properties of biomolecules are investigated (carbohydrates, amino acids, peptides, lipids). Analytical techniques are used to characterize chemical reactions and their products (HPLC, GC, IR, polarimetry). Credit cannot be earned in both CHM 222 and CHM 228. Credit cannot be earned in both CHM 224 and CHM 228.

COLLEGE STUDIES

COL 101 College Success Seminar

Change course description.

Course provides an introduction to the college setting and develops the competencies necessary to be a successful college student. Students learn strategies for success like goal setting, time management, test taking, self-assessment as a learner, and critical thinking. Students may only receive credit for COL 101 or COL 108. **Recommended:** Successful completion of any required developmental course in reading and/or writing (courses below EGL 101), and enrollment during a student's first 15 credit hours at Oakton.

COL 108 The College Experience

Change course description and recommendation.

Enrollment during a student's first 15 credit hours at Oakton and successful completion of any required developmental course in reading and/or writing (courses below EGL 101). **Prerequisite:** Concurrent enrollment in another 100-level or above Oakton course. **Recommended:** Enrollment during a student's first 15 credit hours at Oakton and successful completion of any required developmental course in reading and/or writing (courses below EGL 101).

COMPUTER APPLICATIONS FOR BUSINESS

Course addition

CAB 155 Introduction to Google Suite (3:3:1)

Course introduces fundamental concepts of the Google Suite software. Prepare students to use Google Suite software as a marketable skill in a work environment or for personal use. Content includes introduction to basic Google Drive file management and the Google Suite main software applications: Google Docs, Google Sheets, and Google Slides. This will include learning how to maintain synchronization between Google Suite programs and the corresponding Microsoft Office programs. Also learn to manage related Google Suite services, such as Calendar, Forms, and Gmail. **Recommended:** Hands-on experience using Windows Software.

COMPUTER NETWORKING AND SYSTEMS

Course additions

CNS 108 Introduction to Cloud Services (3:3:1)

Course provides the foundational knowledge of cloud services and how these services are provided in cloud platform. This course focuses on cloud concepts, services, security, privacy, as well as pricing and support in cloud.

CNS 221 Cloud Services 1 (3:3:1)

Course provides the knowledge needed to implement, manage, and monitor identity, and governance in a cloud environment. Students learn to configure virtual networking, manage network traffic, create and scale virtual machines in a cloud infrastructure. Students will also learn to provision, size, monitor, and adjust resources in cloud as appropriate. **Prerequisite:** CNS 108 or consent of department chair.

CNS 222 Cloud Services 2 (3:3:1)

Course provides the knowledge needed to implement and monitor a cloud infrastructure; implement management and security solutions; implement solutions for apps; and implement and manage data platforms. Students will learn to advise stakeholders and translate business requirements into secure, scalable, and reliable cloud solutions. **Prerequisite:** CNS 221 or consent of department chair.

CNS 223 Cloud Services 3 (3:3:1)

Course provides the expertise needed to design and monitor solutions on cloud platform. **Prerequisite:** CNS 221 or consent of department chair.

CNS 224 Securing Enterprise Cloud Services (3:3:1)

Course provides the knowledge needed to manage identity and access; implement platform protection; manage security operations; and secure data and applications in the cloud infrastructure. **Prerequisite:** CNS 176 and CNS 108 or consent of department chair.

EDUCATION (K-12)

Course revisions (effective Spring 2021)

EDN 101 Introduction to Education

Change course description.

Course provides an overview of teaching as a profession in the U.S. educational system. Course examines the historical, social and philosophical development and current state of U.S. public education. Issues, policies, and trends in education are explored, including diversity and equity, organizational structure, governance, finance, law and ethics. Students will investigate the role of teacher as advocate and identify ways in which schooling might be structured to build equity and social justice. Fifteen hours in local, K-12 school settings are required.

EDN 104 Pe-Clinical Observation in Education

Change course description, remove prerequisite.

Course provides opportunity for observation in a local school for students planning on transferring to a four-year College of Education. Content includes thirty hours of required in-school experiences in a local K-12 school. Students will explore and reflect on various educational philosophies and pedagogical strategies in relation to their observation. Students will write a personal philosophy of education statement. Apart from the in-school experiences, this course is conducted on-line.

EDN 180 Diversity in Schools and Society

Change course description.

Course introduces students to key historical, sociological and political contexts of education and asks students to critically examine the role of education in a diverse and pluralistic democracy. Students will develop an awareness of race, ethnicity, class, sexual orientation, gender identity, immigration status, and other lines of difference, and identify ways in which schooling might be structured to build equity and social justice. Students investigate aspects of their own cultural identity and biases, as well as learn strategies for culturally-responsive, anti-bias, anti-racist teaching practices.

EDN 201 Educational Psychology

Change course description, remove recommendation.

Course focuses on application of psychological principles to educational practice. Content includes exploration of children's and adolescent's cognitive, socio-emotional, and linguistic development, learning processes, and motivation. Students will examine learner-centered instruction, culturally responsive teaching, and assessment strategies that acknowledge learner differences and student diversity. Students will investigate the role of teacher as advocate and identify ways in which schooling might be structured to build equity and social justice. Twelve hours in local, K-12 school settings are required.

EDN 210 Technology in Education

Change course description, remove prerequisite.

Course provides hands-on experience in using technology for education majors. Students will identify, explore, and evaluate digital resources and tools for learning. Students will analyze the role of technology in education in society, develop strategies to compensate for the digital divide among students, and apply accessibility guidelines and requirements for digital content. Focus is on increasing technological fluency, and developing creative and meaningful integration of technology into teaching in today's inclusive classrooms.

EDN 280 Students with Disabilities in Schools

Change course title to: **Educating Exceptional Learners**

Change course description, remove prerequisite.

Course surveys historical, philosophical and legal foundations of K-12 special education. Content includes an overview of characteristics of individuals with disabilities, strategies for meeting the needs of all students within general education classrooms and specialized settings, and assessment strategies. Students examine laws that protect the rights of all children to access free, appropriate, public education programs, in particular, the Individuals with Disabilities Education Act. Students will explore the diversity of exceptional learners, as well as the intersectionality of ability with race, ethnicity, class, sexual orientation and gender identity. Twenty hours in local, K-12 school settings are required.

ENGLISH

EGL 211 Writing for the Web

Change course title to: **Writing Digital Content**

Change course description.

Writing Digital Content is designed to give students the necessary tools to competently write and present descriptive, explanatory, and instructional information for internet and intranet systems. The course explores specialized writing techniques and skills necessary to produce effective communications for digital formats. Focus is on online hypertext documents for internet and intranet systems. Content includes writing and editing scripts for podcasts and online videos; organizing and writing Web pages; product and service descriptions; and on-line training materials, easily navigated by various audiences. Experience using word processing software, social media applications, and the Internet necessary. **Note:** This is not a course in HTML coding. **Prerequisite:** Successful completion of one college-level English course of 101 or higher.

FIRE SCIENCE

FIR 221 Emergency Medical Technician – Paramedic I

Change course description and prerequisite.

Course is the first of four laboratory and clinical instruction courses for the Paramedic Program. All four courses, which include hospital and field internship experiences, must be passed, in the following sequence: FIR 221, FIR 222, FIR 223, FIR 224. The course content will address the Fundamentals of Paramedicine and prepare students to care for the sick and injured at an advanced level of care. It is designed to expand upon entry-level knowledge and skills acquired as an Emergency Medical Technician (EMT). This course will provide the student with a broad knowledge base upon which to make reasoned decisions when giving emergency care. **Prerequisite:** FIR 220 or equivalent and consent of instructor. Concurrent enrollment in FIR 222.

FIR 222 Emergency Medical Technician – Paramedic II

Change course description and prerequisite.

Course is the second of four laboratory and clinical instruction courses for the Paramedic Program. All four courses, which include hospital and field internship experiences, must be passed, in the following sequence: FIR 221, FIR 222, FIR 223, FIR 224. This course builds on the emergency concepts learned in FIR 221. It provides students with the knowledge and skills needed to be effective in the pre-hospital environment. It is designed to prepare the student to work as a paramedic in a range of settings such as with individuals, groups, and communities in and out of the hospital setting. It educates the students on how to achieve positive outcomes for patients. Students will gain clinical decision-making, problem-solving and critical thinking skills through simulated learning activities and clinical placements. **Prerequisite:** FIR 221 or concurrent enrollment in FIR 221.

FIR 223 Emergency Medical Technician – Paramedic III

Change course description.

This course is the third of four laboratory and clinical instruction course for the Paramedic Program. All four courses, which include hospital and field internship experiences, must be passed, in the following sequence: FIR 221, FIR 222, FIR 223, FIR 224. This course is designed to prepare competent entry-level paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The course will give students continued training to be successful when challenging the National Paramedic Certification exam. The course presents material on advanced concepts in emergency medicine needed for delivery of emergency care at the paramedic level of practice. Students will integrate prior didactic and skills coursework in preparation for field internship practicums, job seeking, and career planning. **Prerequisite:** FIR 222.

FIR 224 Emergency Medical Technician – Paramedic IV

Change course description.

Course is the fourth of four laboratory and clinical instruction courses for the Paramedic Program. This final course in the sequence also includes ambulance experience. Students are required to use higher order thinking and critical reasoning skills to safely care for patients in and out of the hospital environment under the direct supervision of an approved paramedic system preceptor. Students are required to complete a state-specified number of field internship hours, including a minimum number of patient care contacts and demonstration of competencies. During these field internship hours, students are required to successfully demonstrate ascending mastery of skills and accountability. Upon successful completion of the courses, students will be eligible to take the National Registry of Paramedic exam and obtain Paramedic licensure by IDPH. **Prerequisite:** FIR 223.

GEOGRAPHY

Course revision (effective Spring 2021)

GEG 130 Global Economies

Change course title to: **Introduction to Economic Geography**

Change course description.

Course introduces economic geography. Course explores global patterns of economic activity including the exploration and analysis of production, exchange and consumption patterns. Stages of economic development and country and market forces are explored. Includes the adaptation of humans and their physical environment including differences in economic development. International alliances, globalization and technological innovation explored due to the economic interdependence among people, regions, and nations.

GLOBAL BUSINESS STUDIES

Course revisions

GBS 205 Import/Export Basics

Change course title to: **Import and Export Compliance**

Change course description.

Course focuses on U.S. import and export regulations and how companies can develop their trade compliance programs. Key topics include tariff classification, country of origin determination, valuation for tariff calculation, free trade agreements, export controls, and export filing requirements.

GBS 212 Global Sourcing and Import Procedures

Change course description.

Course is an introduction to global sourcing, procurement and import procedures. Students will examine sourcing strategies, identify and evaluate suppliers, consider cultural impacts on negotiations, explore the meaning of boiler plate contracts, and examine U.S. import regulations. **Recommended:** GBS 205.

GBS 225 Global Logistics and Documentation

Change course description.

Course focuses on the global supply chain and logistics, as well as the proper execution of international trade documentation and payment terms. Topics include, among others, the use of Incoterms® rules, various transportation options, Letters of Credit, packaging, security and technology. **Recommended:** GBS 205 or consent of instructor.

Curriculum revision

Global Business Technical Certificate (#0203)

Change certificate title to: **Import/Export Specialist Certificate**

Total semester credit hours remain the same.

GRAPHIC DESIGN

Course revisions

GRD 225 Introduction to Broadcasting and Electronic Media

Change course title to: **Introduction to Digital Content Creation and Streaming Media**

Change course description; change credit: lecture: lab ratio to 3:0:6; Fee: \$75.

Course introduces hands-on techniques used to plan and produce audio and video content for digital streaming media. Focus is on the development, artistry, and business of digital content as well as aesthetics, theory, and technique used in production. Content includes studio practice; procedures and demonstrations as related to podcast production and audiovisual content creation as well as live-streaming applications. Hands-on production experience reinforces theoretical material.

GRD 250 Introduction to Video Production

Change course description; change credit: lecture: lab ratio to 3:0:6; Fee: \$75.

Course introduces hands-on techniques used to plan and produce narrative video and related media. Content includes scriptwriting and pre-production design, production in studio environments, recording on location and using non-linear video editing systems.

Curricula additions

Add 18-credit-hour **Digital Audio Content Creation Certificate (#0375)**

Add 18-credit-hour **Digital Video Content Creation Certificate (#0376)**

HEALTH INFORMATION TECHNOLOGY

Course revision

HIT 124 Fundamentals of Medical Science

Change **prerequisite** to: HIT 121 and BIO 114 with minimum grade of C or concurrent enrollment in HIT 121 and BIO 114.

Curriculum revision

Health Information Technology A.A.S. degree (#0285)

Change General Education and Elective requirements. Total semester credit hours remain the same.

HINDI

Course additions (effective Spring 2021)

HIN 201 Intermediate Hindi I (4:3:2)

Fee: \$20

Course is a continuation of HIN 102. Further develops language skills in Hindi within the socio-cultural context of India and South Asia. Content includes vocabulary, grammatical rules, reading comprehension, listening comprehension and oral and written real life situational conversation. Recommended that experienced students discuss proper placement with instructor. **Prerequisite:** HIN 102 or consent of instructor.

HIN 202 Intermediate Hindi II (4:3:2)

Fee: \$20

Course is a continuation of HIN 201. Further develops language skills in Hindi within the socio-cultural context of India and South Asia. Content includes vocabulary, grammatical rules, reading comprehension, listening comprehension and oral and written real life situational conversation. Recommended that experienced students discuss proper placement with instructor. **Prerequisite:** HIN 201 or consent of instructor.

HUMAN SERVICES

Add 13-credit hours **Mental Health and Crisis Response for Public Safety Certificate (#0213)** – *pending ICCB approval*

LAW ENFORCEMENT AND CRIMINAL JUSTICE

Course revision

LAE 100 Preparation for Fire Service and Law Enforcement Entrance Examination

Change course title to: **Preparation for Law Enforcement Entrance Examination**

Change course description.

Course instructs police officer candidates about all aspects of hiring process. Content includes how to locate job opportunities; properly complete job applications; take written physical, psychological, and medical examinations; and prepare for oral interview by Police and Fire Commissioners.

LAE 240 Police Defense Techniques (*effective Spring 2021*)

Change course title to: **Police Strategies and Tactics**

Change course description.

Course examines police strategies and tactics in law enforcement that include dealing with the public and high-risk situations. Content includes principles of use of force, de-escalation, self-defense, crisis intervention, and diversity awareness. Students demonstrate basic skills in de-escalation, self-defense, control techniques, arrest search procedures, and aiding the injured.

Curriculum addition

Add 18-credit-hour **Forensics Certificate (#0239)**

MANAGEMENT

Course revision (*effective Spring 2021*)

MGT 232 Managing Diversity in the Workplace

Change course title to: **Diversity, Equity and Inclusion in the Workplace**

Change course description.

Course examines how to acquire, develop, and maintain human resources in a diverse, equitable, and inclusive workplace. Content includes the impact of social identity on recruitment, selection, and development; work groups and team interactions; management and leadership, and effective organizational strategies to support a diverse, equitable, and inclusive workplace.

Curriculum revision

Human Resources Specialist Certificate (#0235)

Change certificate requirements.

Increase total semester credit hours to 21.

MARKETING MANAGEMENT

Curriculum revision

Marketing Communication Certificate (#0446)

Change certificate title to: **Marketing Certificate**

Change certificate requirements. Total semester credit hours remain the same.

MANUFACTURING TECHNOLOGY

Curriculum revision / reactivation

Reactivate Tooling Machinist Certificate (#0258)

Change certificate title to: **Advanced CNC Machinist Certificate**

Increase total semester credit hours to 26.

MATHEMATICS

Course additions (effective Spring 2021)

MAT 087 Corequisite Support for General Education Mathematics (2:2:0)

Course is designed as corequisite support for MAT 125 General Education Mathematics. Students who need corequisite support for MAT 131 should enroll in MAT 088 Corequisite Support for Elementary Statistics instead. The course covers selected topics from Intermediate Algebra such as percents, exponents, and square roots with emphasis on how these apply when modeling real-world problems. The course also covers college success material relevant to students in General Education Mathematics. **Prerequisite:** MAT 070 or appropriate score on the Mathematics Placement Test, and concurrent enrollment in MAT 125.

MAT 088 Corequisite Support for Elementary Statistics (2:2:0)

Course is designed as corequisite support for MAT 131 Elementary Statistics. Students who need corequisite support for MAT 125 should enroll in MAT 087 Corequisite Support for General Education Mathematics instead. The course covers selected topics from Intermediate Algebra such as percents, inequalities, exponents, square roots and graphing linear functions with emphasis on how these apply to statistical models. The course also covers college success material relevant to students in Elementary Statistics. **Prerequisite:** MAT 070 or appropriate score on the Mathematics Placement Test, and concurrent enrollment in MAT 131.

Course revision

MAT 125 General Education Mathematics

Change prerequisite to: MAT 085 or MAT 095 (formerly MAT 110) with minimum grade of C or concurrent enrollment in MAT 087 or appropriate score on the Mathematics Placement Test.

MAT 131 Elementary Statistics

Change prerequisite to: MAT 085 or MAT 095 (formerly MAT 110) with a minimum grade of C or concurrent enrollment in MAT 088 or appropriate score on the Mathematics Placement Test.

MAT 149 Precalculus

Change prerequisite to: MAT 092 or MAT 095 (formerly MAT 110) with a minimum grade of A or appropriate score on the Mathematics Placement Test; and MAT 080 or geometry proficiency.

MAT 180 Calculus for Business and Social Science (*effective Spring 2021*)

Change prerequisite to: MAT 140 or MAT 149 with minimum grade of C or an appropriate score on the Mathematics Assessment Test.

MAT 260 Linear Algebra

Change course title to: **Introduction to Linear Algebra**

Change course description.

Course covers matrices and the algebra of linear systems as well as an introduction to proof-writing. Content includes equations, vector spaces, real inner product spaces, linear transformations, determinants, eigenvalues, eigenvectors, diagonalizability, quadratic forms and symmetric matrices. Calculators/computers used when appropriate. **Prerequisite:** MAT 251 with minimum grade of C.

NURSING

Course revisions

NUR 111 Nursing Pharmacology 1

Change credit: lecture: lab ratio to 1.5:1.5:0

NUR 111 Nursing Pharmacology 2

Change credit: lecture: lab ratio to 1.5:1.5:0

NUR 214 Nursing Pharmacology 3

Change credit: lecture: lab ratio to 1.5:1.5:0

Curricula revisions

Nursing A.A.S. degree (#0320)

Increase total semester credit hours to 67.5

Practical Nursing (LPN) Certificate (#0323)

Increase total semester credit hours to 39

Course withdrawals (*effective Spring 2021*)

NUR 208 Nursing Concepts in the Care of Acutely Ill Clients

NUR 209 Nursing Care Concepts Related to Community and Home Health

NUR 210 Nursing: Challenges, Issues, and Trends

NUR 211 Nursing Care Concepts Related to Management of Client Care

PSYCHOLOGY

Course additions

PSY 207 Psychology of Women and Gender (3:3:0)

Course increases awareness of values, emotions, and other motivational factors that affect an individual's growth. Content includes learning theory, personal behavior, human relationships, personal growth in a culturally diverse society; opportunity for group experience to examine similarities and differences between self and others in diverse society.

PSY 208 Biopsychology (3:3:0)

Course focuses in how the brain mediates behavior, emotion and cognition. It includes the study of sensory systems, neural development, emotion, learning, memory, consciousness, reproduction, and neurological and psychological disorders. **Prerequisite:** PSY 101.

PSY 239 Mental Health First Aid (1:1:0)

For a number of reasons, individuals experiencing mental illness and substance use disorders more often interact with the criminal justice system than the general population does. Thus, the better prepared officers and staff are to respond effectively and appropriately, the more likely the interaction will be a positive one. The Mental Health First Aid for Law Enforcement, Corrections, and Public Safety course builds upon the effectiveness of the standard Mental Health First Aid curriculum by focusing on the unique experiences and needs of law enforcement, corrections, and public safety audiences. **Recommended:** PSY 237 and PSY 238.

Course revisions

PSY 101 Introduction to Psychology

Change course description.

Course introduces the study of mental processes and behavior, with emphasis on the scientific nature of contemporary psychological investigation. Topics may include the biology of behavior, sensation and perception, learning, memory, cognition, motivation, emotion, life-span development of behavior, personality, abnormal behavior and its therapies, social behavior and individual differences.

PSY 120 Human Development

Change course description.

Course introduces the study of human development. Content includes neurobiological, physical, cognitive, social and emotional development of humans from conception through childhood, adolescence, adulthood and old age including end of life issues. Emphasizes normal developmental stages and patterns of adjustment to differing life-time demands. The theories and principles of human development are examined in light of contemporary research.

PSY 201 Educational Psychology (*effective Spring 2021*)

Change course description, remove recommendation.

Course focuses on application of psychological principles to educational practice. Content includes exploration of children's and adolescent's cognitive, socio-emotional, and linguistic development, learning processes, and motivation. Students will examine learner-centered instruction, culturally responsive teaching, and assessment strategies that acknowledge learner differences and student

diversity. Students will investigate the role of teacher as advocate and identify ways in which schooling might be structured to build equity and social justice. Twelve hours in local, K-12 school settings are required.

PSY 204 Adolescent Psychology

Change course description.

Course introduces the development of adolescents, with emphasis on physical and physiological changes and social and cognitive development. Topics may include: the role of play; sociocultural influences; stresses associated with adolescence; changing relationships with family, friends and the opposite sex; identity development; sexuality; drug use; suicide; and delinquency. **Prerequisite:** PSY 101.

PSY 205 Adult Psychology

Change course description.

Course introduces the changes that occur from early adulthood through old age. Topics may include: career choice and development; mate selection and marriage; conventional and nonconventional families; theories of adult personality development; mid- and late-life transitions; aging; and dying, death and bereavement. **Prerequisite:** PSY 101.

PSY 211 Child Psychology

Change course description.

Course examines the development of the child from birth through adolescence. Content includes theory and research on the biological, physical, social and cognitive development of the human child from conception to adolescence. Topics may include genetic factors, prenatal development, sensory and perceptual changes, motor system development, language acquisition, social learning, cultural influences and aspects of abnormal development. **Prerequisite:** PSY 101.

PSY 236 The Psychology of Group Behavior II

Change course title to: **Crisis Intervention and Trauma Treatment**

Change course description, remove prerequisite, add recommendation.

Course studies crisis counseling theories, assessments, evidence-based models, interventions, resources, and standards. The content addresses core elements for responding to severe mental illness, substance use overdose, disasters, and pandemics. Trauma Informed Care (TIC) approaches, resilience, and recovery models are examined through application, case studies, and exercises. The course will explore how crisis intervention is offered in marginalized communities, culturally sensitive and gender responsive approaches, partnerships with substance abuse treatment centers, law enforcement, first responders, faith-based leaders, and peer support. **Recommended:** HSV 110 and PSY 238.

PSY 240 Introduction to Social Research

Change course description.

Course introduces the basics of research in social sciences. Content includes overview of the scientific method, research designs, methodology, simple statistical analysis of data, and interpretation of empirical social data. Students design, conduct, and interpret a short survey. In addition, this course introduces students to the basics of research in social sciences including: ethics; generating hypotheses; experimental and non-experimental research designs, measurement of and operational definitions for research variables; selection and assignment of participants; threats to

reliability and validity; between and within subject designs; single case and factorial designs; and introduction to interpreting statistical results. Credit cannot be received in both PSY 240 and SSC 240. **Prerequisite:** Introductory course in any of the social sciences.

SOCIOLOGY

SOC 104 Sociology of Marriage and Family: Relationships, Intimacy and Commitment

Change course title to: **Sociology of Marriage and Family**

Change course description and recommendation.

Course explores fundamental sociological concepts, theoretical approaches, and history of the family, patterns and shifts in marriage and partner selection trends, as well as changes in family structures in modern societies. Content includes many diversity issues of family including marriage, partnering, parenting, grandparenting, childhood, divorce, domestic violence, gender roles and social policy. Considers examples across cultures and investigates how individuals' family lives are shaped by broader social systems, especially issues of privilege, inequality and social justice. **Recommended:** SOC 101 or SOC 103.

SOC 210 Death and Dying

Change course description.

Course explores the social and cultural aspects of death, dying and bereavement. Using key theoretical perspectives, historical and cross-cultural comparisons, and major studies in the field of human mortality, it explores rituals, social taboos, and other cultural practices relating to the social organization of death and dying. Content also includes how death and dying relates to such topics as crime, social control, stratification, global inequality, gender inequality, ethnicity and race, aging, media, political power, and work/economic life.

SOC 220 Deviant Behavior

Change course description and recommendation.

Course uses a variety of sociological perspectives to study behaviors commonly labeled deviant because they fall outside societal norms. Course examines the identification as deviant of individuals and of particular segments of society, by formal and informal means; the effects of institutionalization and social control upon the deviant; and the efforts of deviants to eradicate the label society has placed upon them. Content includes process of defining deviance; different forms of deviance such as criminal deviance to mental illness; social causes of deviance; social responses to deviance from stigmatization; systems of social control; reintegration of deviants into society. **Recommended:** SOC 101 or SOC 103.

SOC 233 Growing Old in America: Diversity Issues

Change course title to: **Sociology of Aging and the Life Course**

Change course description.

Course examines aging within multicultural society. Content includes effects of race, class, sex, physical and cognitive ability on aging among diverse populations in America; cultural expectations about and difficulties of aging; and impact of diversity on public policy decisions and implementation.

SOC 234 Sociology of Violence

Change recommendation to: SOC 101 or SOC 103

SOCIAL SCIENCE

SSC 201 Introduction to Global Studies

Change course description.

Course provides interdisciplinary examination of global interdependence in the modern age and introduces students to various disciplines within the social sciences and the distinct perspectives and approaches used by social scientists in seeking to understand the process of globalization. Content includes examination of historical, ecological, cultural, technological and political-economic global developments. Focuses on perspectives and methodologies from two or more of the following social science disciplines: history, economics, sociology, anthropology, psychology, and/or political science.

SSC 240 Introduction to Social Research

Change course description and prerequisite.

Course introduces the basics of research in social sciences. Content includes research design, methodology, simple statistical analysis of data and interpretation of empirical social data. Students will design, conduct and interpret a short survey. Credit cannot be received in both PSY 240 and SSC 240. **Prerequisite:** Introductory course in any of the social sciences.

URDU

Course additions (effective Spring 2021)

URD 201 Intermediate Urdu I (4:3:2)

Fee: \$20

Course is a continuation of URD 102. Further develops language skills in Urdu within the socio-cultural context of Pakistan/India and South Asia. Content includes vocabulary, grammatical rules, reading comprehension, listening comprehension and oral and written real life situational conversation. Recommended that experienced students discuss proper placement with instructor.

Prerequisite: URD 102 or consent of instructor.

URD 202 Intermediate Urdu II (4:3:2)

Fee: \$20

Course is a continuation of URD 201. Further develops language skills in Urdu within the socio-cultural context of Pakistan/India and South Asia. Content includes vocabulary, grammatical rules, reading comprehension, listening comprehension and oral and written real life situational conversation. Recommended that experienced students discuss proper placement with instructor.

Prerequisite: URD 201 or consent of instructor.

VARIOUS DISCIPLINES

Curriculum withdrawal

Law Enforcement Certificate (#0241)

Machine Technology (Apprenticeship) Certificate (#0255)

Machine Technology A.A.S. (#0256)

Tool and Die Design and Engineering Certificate (#0257)

Course withdrawal

AHR 106 R-410a Usage Certification
AHR 107 Carbon Monoxide and Associated Dangers
ANT 210 Archaeology and the People of Latin America
ANT 293 Archaeology Field Methods
BIO 108 General Botany
CAD 120 Beginning CADKey
CAD 121 Advanced CADKey
CAD 127 AutoLISP Prog I - CAD
CAD 128 AutoLISP Prog II - CAD
CAD 129 AutoLISP Prog III - CAD
EGL 088 How to Study
ELT 121 Power Supplies and Amplifier Circuits
ELT 232 Advanced Microprocessors MC 6809
ELT 236 Fiber Optics
FIR 202 Fire Protection Systems II
FIR 225 Reporting Systems for the Fire Service
HSV 123 Adv skills/counseling chem dependent
HSV 160 Domestic violence advocacy
HSV 165 Sexual assault crisis intervention
PSY 108 Psychology of Personal Growth
PSY 241 Biological Basis of Behavior

End of SECTION I

**(COURSE & CURRICULUM CHANGES INCLUDED IN 2021-2022 CATALOG: Effective
Spring 2021 – Fall 2021)**

SECTION II

COURSE & CURRICULUM CHANGES INCLUDED IN 2021-2022 CATALOG: Effective Spring 2022

AIR CONDITIONING, HEATING AND REFRIGERATION TECHNOLOGY

Course revisions (effective Spring 2022)

AHR 102 Heating

Change course description.

Course covers basic principles of residential heating systems. Content includes proper installation, service and safety procedures, and introductions of the proper procedures to troubleshoot and diagnose reasons for the malfunction of the furnace. Focus is on the combustion process and consumer safety.

AHR 104 Introduction to Electricity and Automatic Controls

Change course description.

Course introduces electricity and automatic controls. Content includes electrical safety, basic wiring skills, electrical components, household wiring, wire sizing, conduct sizing, proper procedure to bend thin wall, the explanation of series and parallel circuits as well as hands-on experience with electrical tools and meters.

AHR 105 EPA Section 608 Certification

Change course description, add prerequisite.

Course designed to prepare for “EPA Section 608” certification exam. Certification in proper refrigerant use required by law for work on refrigeration systems. Examination fees required.

Prerequisite: AHR 101 with a minimum grade of C or consent of department chair.

AHR 202 Air Conditioning – Split System

Change course title to: **Air Conditioning II – Split Systems**

Change course description and prerequisite.

Course covers principles of residential air conditioning systems. Content includes evaluation and classroom hands-on experience in use of psychometrics, residential air conditioning equipment types and installation. Lab and the simulators focus on systems performance problems and diagnostics. **Prerequisite:** AHR 101 and AHR 105 with a minimum grade of C or consent of department chair.

AHR 208 Advanced Automatic Controls

Change prerequisite to: AHR 104 with a minimum grade of C or consent of department chair.

AHR 212 Indoor Air Quality

Remove prerequisite.

ENGLISH

Course addition (effective Spring 2022)

EGL 136 Introduction to Latino/a/x Literature (3:3:0)

Course introduces fiction, non-fiction, poetry, and drama by Latino/a/x writers in the U.S. and Latin America. Content includes social, cultural, historical, political, and literary contexts, as well as terminology and methods of literary analysis and evaluation.

Course revision (effective Spring 2022)

EGL 132 Gender, Identity and Literature

Change title to: **LGBTQ+ Literature**

Change course description.

Course introduces students to poetry, fiction, drama, film, and non-fiction by LGBTQ+ writers. Content includes theory of gender and sexual identity; influence of gender and sexuality on literary expression; social, cultural, historical, political, and literary contexts; and terminology and methods of literary analysis and evaluation.

End of SECTION II

**(COURSE & CURRICULUM CHANGES INCLUDED IN 2021-2022 CATALOG:
Effective Spring 2022)**