

EFFECTIVE FALL 2015

DFTG 2370. INTRODUCTION TO DIGITAL DESIGN AND FABRICATION (2-4-3) 15.1302

Special Topics. This course includes instruction in advanced digital design and the processes of fabrication. Solid modeling and parametric design through digital manufacturing methods such as a rapid prototyping new material processes across different fields and the related fabrication and building methodologies. Prerequisite: DFTG 2319. Assessment Levels: R2, E1, M2.

EFFECTIVE SPRING 2016

RNSG 1161 CLINICAL I (0-4-1 0-6-1) 51.3801

Health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. Prerequisites: Admission to Nursing Program, BIOL 2401, 2402, ENGL 1301, PSYC 2301. Corequisite/Concurrent: RNSG 1125, 1128, 1216, and 1430. Assessment Levels: R3, E3, M3.

EFFECTIVE SUMMER 2016

New Course Addition:

VNSG 2510. NURSING IN HEALTH AND ILLNESS III (4-4-5) 51.3901

Continuation of Nursing in Health and Illness II. Further study of medical-surgical health problems of the patient including concepts such as mental illness. Incorporates knowledge necessary to make the transition from student to graduate vocational nurse. The course lends itself to a concept-based approach. Prerequisites: RNSG 1126, RNSG 1533 and RNG 2362. Corequisites/Concurrent: VNSG 1219, VNSG 2363 and PHIL 2306. Assessment Levels: R3, E3, M3.

Course Revisions:

POFT 1309. ADMINISTRATIVE OFFICE PROCEDURES I (3-0-3) 52.0401

Study of current office procedures, duties and responsibilities applicable to an office environment. Prerequisites: ~~Both POFT 2401 or equivalent (with keyboarding speed of 40 words per minute) and~~ ENGL 1301 or POFT 1301 with a minimum grade of "C."

POFT 1349. ADMINISTRATIVE OFFICE PROCEDURES II (3-0-3) 52.0401

In-depth coverage of office procedures with emphasis on decision making, goal setting, management theories and critical thinking. Prerequisites: POFT 1309 with a minimum grade of "C" ~~POFT 2401 or equivalent (with minimum keyboarding speed of 40 words per minute) and~~

ENGL 1301. Assessment Levels: R1, E1, M1.

Course Deletions:

~~PHIL 2317. 17TH AND 18TH CENTURY PHILOSOPHY (3-0-3) 3801015512~~

~~A study of major philosophers and philosophical themes from the seventeenth through the eighteenth centuries. Assessment Levels: R3, E3, M0.~~

~~PHIL 2318. CONTEMPORARY PHILOSOPHY (3-0-3) 3801015512~~

~~A study of major philosophers and philosophical themes from the nineteenth century to the present. Assessment Levels: R3, E3, M0.~~

EFFECTIVE FALL 2016

New Course Additions:

EMSP 1401. EMERGENCY MEDICAL TECHNICIAN - BASIC (2-8-4) 51.0904

Preparation for certification as an Emergency Medical Technician (EMT) - Basic. Includes all the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. Assessment Levels: R3, E3, M2.

EMSP 2252. EMERGENCY MEDICAL SERVICES RESEARCH (2-1-2) 51.0904

Primary and/or secondary research in current and emerging issues in EMS. Basic research principles, scientific inquiry, and interpretation of professional literature are emphasized. Students will demonstrate computer competencies during this course. Students will be required to present research data utilizing the internet. Data presentation shall include, but will not be limited to, PowerPoint, Excel or other Windows platforms. Prerequisites: Student must have completed first, second, and third semesters of the Paramedic program. Assessment Levels: R3, E3, M2.

EMSP 2262. CLINICAL-EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC) (0-10-2) 51.0904

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: Student must have completed first, second, and third semesters of the Paramedic program. Assessment Levels: R3, E3, M2.

EMSP 2263. CLINICAL-EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC) (0-11-2) 51.0904

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: Student must have completed first, second, and third semesters of the Paramedic program. Assessment Levels: R3, E3, M2.

SOCW 2362. SOCIAL WELFARE AS A SOCIAL INSTITUTION (3-0-3) 44.0701.5224

Introduction to the study of modern social work, the underlying philosophy and ethics of social

work, and the major divisions and types of social work together with their methods and objectives. Overview of historical/contemporary social welfare policies/programs, and role of social work in policy development and implementation. Required for Social Work majors. Assessment Levels: R3, E3, M1.

Course Revisions:

ARTS 2356. BLACK AND WHITE PHOTOGRAPHY I (3-3-3) 50.0605.5126

The purpose of this class is to develop an expressive visual language using the traditional photographic materials. Skills include: camera operation, film exposure and processing, and darkroom printing. Relevant historic and contemporary photographers and approaches will be covered. Beyond this, each student will be encouraged to practice B&W photography to develop a personal vision. Students must supply paper, film, and other necessary supplies. 35 mm cameras are available for checkout. ~~Basic course in black and white photography with emphasis on equipment, film processing and producing finished prints. Course includes concepts and methods of traditional and contemporary photography. Student must supply manual/adjustable 35mm camera, photographic paper, film and other supplies as needed.~~ Assessment Levels: R1, E1, M1.

ARTS 2357. DIGITAL PHOTOGRAPHY II (3-3-3) 50.0605.5226

This course is designed for students to gain an understanding of Digital Photography as a means of visual expression and communication in the Digital Age. Skills include: SLR camera operation, Adobe Lightroom, Photoshop, and digital printing. Relevant historic and contemporary photographers will be covered. Students will be encouraged to practice digital photography to develop a personal vision. Students must supply paper, digital storage, and other supplies. Digital cameras are available for checkout. ~~A continuation of ARTS 2356 with emphasis on creativity and using various mediums, which may include digital camera and image manipulation software. Student must supply cameras, paper, film and other supplies as needed.~~ Assessment Levels: R1, E1, M1.

BUSI 1301. BUSINESS PRINCIPLES (3-0-3) 5201015104

Course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money, and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life. ~~Assessment Levels: R1, E1, M1.~~

BUSI 2301. BUSINESS LAW (3-0-3) 22.0101.5124

Course provides the student with foundational information about the U.S. legal system and dispute resolution, and their impact on business. The major content areas will include general principles of law, the relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law and ethics, contracts, sales, torts, agency law,

intellectual property, and business law in the global context. Prerequisites: High school coursework in U.S. history and government. **Assessment Levels: R3, E3, M1**

CBFM 2317. MECHANICAL MAINTENANCE (3-0 1-3) 46.0401

General principles of mechanical and electrical systems as related to inspection, repair and preventative maintenance of facility equipment.

CRTR 2331. CERTIFIED SHORTHAND REPORTER CERTIFICATION PREPARATION (CSR) AND REGISTERED PROFESSIONAL REPORTER (RPR) (2-4-3) 22.0303

Preparation for taking the Texas Certified Shorthand Reporter and the Registered Professional Reporter examinations through the use of mock examinations. This course is designed to be repeated. Corequisite: CRTR 2435. Must see program advisor. Assessment Levels: R1, E1, M1.

ECON 2301. PRINCIPLES OF MACROECONOMICS (3-0-3) 4506015125

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. History, development and application of macroeconomic and microeconomic theory underlying the production, distribution and exchange of goods and services including the utilization of resources, analysis of value and prices, national income analysis, fiscal policies, monetary and banking theory and policy, distribution of income, labor problems, international economics and economics systems. Attention given to the application of economic principles to economic problems. Assessment Levels: R3, E3, M2.

ECON 2302. PRINCIPLES OF MICROECONOMICS (3-0-3) 4506015125

Analysis of the behavior of individual economic agents, including consumer behavior and demand, producer behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade. A continuation of history, development and application of macroeconomic and microeconomic theory underlying the production, distribution and exchange of goods and services including the utilization of resources, analysis of value and prices, national income analysis, fiscal policies, monetary and banking theory and policy, distribution of income, labor problems, international economics and economics systems. Attention given to the application of economic principles to economic problems. Assessment Levels: R3, E3, M3.

EDUC 1301. INTRODUCTION TO THE TEACHING PROFESSION (3-1-3) 13.0101.5109

An enriched, integrated pre-service course and content experience that provides active recruitment and institutional support for of students interested in a teaching career, especially in high need fields. The course Lab provides the students with opportunities to participate in early field observations at all levels of P-12 schools with varied and diverse student populations, and provides students with support from college and school faculty, preferably in small cohort groups, for the purpose of introduction to and analysis of the culture of schooling and a minimum of 16 hours must be in classrooms. Course content is should be aligned as

applicable with the State Board of for Educator Certification Pedagogy and Professional Responsibilities Standards; (3-lect. 1 lab), and the course must include a minimum of 16 contact hours of field experience in P-12 classrooms. Students will be are required to submit and pass have a criminal background check search as prescribed by the program and college prior to field site experiences. Assessment Levels: R3, E3, M2.

EDUC 2301. INTRODUCTION TO SPECIAL POPULATIONS (3-1-3) 13.1001.5109

An enriched, integrated, pre-service course and content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic and academic diversity, and equity with an emphasis on factors that facilitate learning. The course Lab provides the students with opportunities to participate in early field observations at all levels of P-12 schools with varied and diverse student special populations; a minimum of 16 hours must be in classrooms with special populations. The field-based course content is and should be aligned as applicable with the State Board for Educator Certification (SBEC) Pedagogy and Professional Responsibilities (PPR) Standards. (3-lect. 1 lab). Must include a minimum of 16 contact hours of field experience in P-12 classrooms with special populations. Students will be are required to submit and pass have a criminal background check search as prescribed by the program and college prior to field site experiences. Pre-requisite for this course is EDUC 1301. Assessment Levels: R3, E3, M2.

EMSP 2261. CLINICAL-EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC) (0-8 12-2) 51.0904

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Assessment Levels: R2, E2, M1.

HART 2331. ADVANCED ELECTRICITY FOR HVAC (3-9 1-3) 15.0501

Advanced electrical instruction and skill building in installation and servicing of air conditioning and refrigeration equipment including detailed instruction in motors and power distribution, motors, motor controls, and application of solid state devices. Prerequisite: HART 1403.

OTHA 1211. OCCUPATIONAL PERFORMANCE THROUGHOUT THE LIFESPAN (2-1-2) 51.0803

General principles of occupational performance throughout the lifespan. Corequisites: OTHA 1319 and 2309. Prerequisites: OTHA 1309, 1405, and 2301. Assessment Levels: R2, E2, M2.

OTHA 1262. CLINICAL - OCCUPATIONAL THERAPY ASSISTANT (0-8-2) 51.0803

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Corequisites: OTHA 1315 and 2302. Prerequisites: OTHA 1211, 1309, 1319, 1405, 2301, 2309. Assessment Levels: R2, E2, M2.

OTHA 1309. HUMAN STRUCTURE AND FUNCTION IN OCCUPATIONAL THERAPY (2-4-3) 51.0803

Study of the biomechanics of human motion. Emphasis on the musculoskeletal system including skeletal structure, muscles and nerves, and biomechanical assessment procedures. Corequisites: OTHA 1405 and 2301. Prerequisite: BIOL 24014 and ENGL 1301. Assessment

Levels: R2, E2, M2.

OTHA 1315. THERAPEUTIC USE OF OCCUPATIONS OR ACTIVITIES I (2-4-3) 51.0803

Various occupations or activities used as therapeutic interventions in occupational therapy. Emphasis on awareness of activity demands, contexts, adapting, grading and safe implementation of occupations or activities. Prerequisite: OTHA 1211, 1309, 1319, 1405, 2301, and 2309; and must be taken concurrently with OTHA 1262 and 2302. Assessment Level: R2, E2, M2.

OTHA 1319. THERAPEUTIC INTERVENTIONS I (2-4-3) 51.0803

Concepts, techniques, and assessments leading to proficiency in skills and activities used as treatment interventions in Occupational Therapy (OT). Emphasizes the Occupational Therapy assistant's role in the OT process. Prerequisite: OTHA 1309, 1405, and 2301; and must be taken concurrently with OTHA 1211 and 2309. Assessment Level: R2, E2, M2.

OTHA 2235. HEALTH CARE MANAGEMENT IN OCCUPATIONAL THERAPY (2-1-2) 51.0803

Explores the roles of the occupational therapy assistant in health care delivery. Topics include documentation, reimbursement, credentialing, ethical standards, health care team role delineation, and management. Prerequisite: OTHA 1211, 1262, 1309, 1315, 1319, 1405, 2301, 2301, and 2309. Assessment Levels: R2, E2, M2.

OTHA 2301. PATHOPHYSIOLOGY IN OCCUPATIONAL THERAPY (3-0-3) 51.0803

Pathology and general health management of diseases and injuries across the lifespan encountered in occupational therapy treatment settings. Includes etiology, symptoms and the client's physical and psychological reactions to disease and injury. Prerequisite: Completion or concurrent enrollment in OTHA 1309 and 1405. Assessment Levels: R2, E2, M2.

OTHA 2309. MENTAL HEALTH IN OCCUPATIONAL THERAPY (2-4-3) 51.0803

Promotion of mental health and wellness through occupational therapy. Topics include theory and intervention strategies to enhance occupational performance. Prerequisites: OTHA 1315, 1319, 1405. Assessment Levels: R2, E2, M2.

PHRA 1202. PHARMACY LAW (2-0-2) 51.0805

Overview of federal and state laws governing the practice of pharmacy. The role of the pharmacy technician and the pharmacist and their associated responsibilities. Includes Code of Ethics, patient confidentiality, and a comparison of legal and ethical aspects. Prerequisite: PHRA 1266, 1267, 1301, 1304, 1305, 1306, 1309, 1313, 1345, 1349, 1441 and 2266. Must be taken concurrently with PHRA 1243-2266. Assessment Levels: R3, E3, M3.

PHRA 1243. PHARMACY TECHNICIAN CERTIFICATION REVIEW (CAPSTONE) (2-1-2) 51.0805

A review of major topics covered on the national Pharmacy Technician Certification Examination. Prerequisite: PHRA 1266, 1267, 1301, 1304, 1305, 1306, 1309, 1313, 1345, 1349, 1441 and 2266. Must be taken concurrently with PHRA 1202-2266. Assessment Levels: R3, E3, M3.

PHRA 1304. PHARMACOTHERAPY AND DISEASE PROCESS (3-0-3) 51.0805

A study of the disease state and therapeutic properties of drugs used in pharmaceutical therapy. Prerequisites: PHRA 1266, 1301, 1305, 1313 and 1349. Must be taken concurrently with PHRA 1267, 1309, 1345 and 1441. Assessment Levels: R3, E3, M3.

PHRA 1306. COMPUTERIZED DRUG DELIVERY SYSTEMS (1-5-3) 51.0805

Fundamentals of pharmacy computer information systems and technology within the health care system. Includes specialized skills in the production of pharmaceutical documentation using selected pharmacy software packages and an overview of equipment and devices for drug distribution, and preparation. Prerequisites: PHRA 1266, 1267, 1301, 1304, 1305, 1309, 1313, 1345, 1349 and 1441. Must be taken concurrently with PHRA 2266. Assessment Levels: R3, E3, M3.

PHRA 1309. PHARMACEUTICAL MATHEMATICS I (2-2-3) 51.0805

Solving pharmaceutical calculation problems encountered in the preparation and distribution of drugs. Prerequisites: PHRA 1266, 1301, 1305, 1313 and 1349. Must be taken concurrently with PHRA 1267, 1304, 1345 and 1441. Assessment Levels: R3, E3, M3.

PHRA 1345. COMPOUNDING STERILE PREPARATIONS (1-7-3) 51.0805

The process of compounding sterile preparations and aseptic technique within the legal and regulatory guidelines specified by USP <797> standards. Prerequisite: PHRA 1266, 1301, 1305, 1313 and 1349. Must be taken concurrently with PHRA 1267, 1304, 1309 and 1441. Assessment Levels: R3, E3, M3.

PHRA 1441. PHARMACY DRUG THERAPY AND TREATMENT (3-2-4) 51.0805

Study of therapeutic agents, their classifications, properties, actions and effects on the human body and their role in the management of disease. Prerequisites: PHRA 1266, 1301, 1305, 1313 and 1349. Must be taken concurrently with PHRA 1267, 1304, 1309 and 1345. Assessment Levels: R3, E3, M3.

PHRA 2266. PRACTICUM (OR FIELD EXPERIENCE)-PHARMACY TECHNICIAN/ASSISTANT (0-16-2) 51.0805

Practical, general workplace training supported by an individualized learning plan developed by the employer, college and student. Prerequisites: PHRA 1266, 1267, 1301, 1304, 1305, 1309, 1313, 1345, 1349 and 1441. Must be taken concurrently with PHRA 1306. Assessment Levels: R3, E3, M3.

PTHA 1229. APPLIED PHYSICAL PRINCIPLES (1-4 3-2) 51.0806

The application of physical principles to selected interventions in physical therapy. Assessment Levels: R3, E3, M3.

Course Deletions:

~~BIOL 1371. INTRODUCTION TO ANATOMY AND PHYSIOLOGY (3-0-3) 2607075103~~

~~An introductory course in human anatomy and physiology. Principles of anatomical structure and function of human body. Emphasizing terminology, including spelling, definitions and pronunciations. Recommended for students who plan to take BIOL 2401, but who lack sufficient high school or college science backgrounds. With advisor's approval, counts as elective hours toward Associate in Arts degree and certain Associate in Applied Science degrees. Does not satisfy the natural sciences requirement for the AA or AAS degree and does not apply toward the AS degree. Assessment Levels: R2, E2, M1.~~

~~EMSP 1501. EMERGENCY MEDICAL TECHNICIAN – BASIC (3-8-5) 51.0904~~

~~Preparation for certification as an Emergency Medical Technician (EMT) – Basic. Includes all the skills necessary to provide emergency medical care at a basic life support level with an emergency service or other specialized services. Corequisite: EMSP 1160. Assessment Levels: R2, E2, M1.~~

~~OTHA 1341. OCCUPATIONAL PERFORMANCE FROM BIRTH THROUGH ADOLESCENCE (3-0-3) 51.0803~~

~~Occupational performance of newborns through adolescents. Includes frames of reference, evaluation tools and techniques, and intervention strategies. Prerequisite: OTHA 2466. Assessment Level: R2, E2, M2.~~

~~OTHA 1353. OCCUPATIONAL PERFORMANCE FOR ELDERLY (3-0-3) 51.0803~~

~~Occupational performance of elders. Includes frames of reference, evaluation tools and techniques, and intervention strategies. Prerequisite: OTHA 2466. Assessment Level: R2, E2, M2.~~

~~OTHA 2204. NEUROLOGY IN OCCUPATIONAL THERAPY (2-0-2) 51.0803~~

~~Study of neuroanatomy and neurophysiology as it relates to neurological conditions commonly treated in occupational therapy. Assessment Level: R2, E2, M2.~~

EFFECTIVE SPRING 2017

Course Revisions:

COMM 1336. VIDEO PRODUCTION I (3-1-3) 1002025206

Development of basic skills in a television studio environment, including the use of cameras, audio console, video switcher, acting as talent, limited script preparation and one non-linear editing exercise. Open to non-majors. Must be eligible for ENGL 1301. Assessment Levels: R3, E3, M1.

COMM 1337. VIDEO PRODUCTION II (3-3-3) 1002025206

Development of advanced skills in a television studio environment. In addition, basic skills development in the use of a computer-based character generator, ENG equipment (field camera and portable lights), and non-linear video editing. Prerequisite: COMM 1336. Assessment Levels: R3, E3, M1.

Course Deletions:

~~ARTS 2334. PRINTMAKING II (3-3-3) 50.0710.5126~~

~~A continuation of ARTS 2333; emphasis on media not used in the first semester. Prerequisite: ARTS 2333. Assessment Levels: R1, E1, M1.~~

~~QCTC 1301. TOTAL QUALITY MANAGEMENT (3-1-3) 15.0702~~

~~The study of integrating work processes using team participation through employee empowerment and teamwork. Emphasizing the philosophy of customer service and satisfaction. Assessment Levels: R1, E1, M1.~~

~~QCTC 1303. QUALITY CONTROL (3-1-3) 15.0702~~

~~Quality control principles and applications. Assessment Levels: R1, E1, M1.~~

~~QCTC 1341. STATISTICAL PROCESS CONTROL (3-1-3) 15.0702~~

~~Components of statistics including techniques of collection, presentation, analysis and interpretation of numerical data as applied to statistical control. Stresses application of correlation methods, analysis of variance, dispersion, sampling quality control, reliability, mathematical models and programming. Assessment Levels: R1, E1, M1.~~

~~QCTC 1343. QUALITY ASSURANCE (3-1-3) 15.0702~~

~~Principles and applications designed to introduce quality assurance. Assessment Levels: R1, E1, M1.~~

~~SPCH 1144. FORENSIC ACTIVITIES I (0-2-1) 2310016012~~

~~Laboratory experience for students who participate in forensic activities on Del Mar Speech Squad. Forensic competition focused on competitions in researched communication activities such as: extemporaneous speaking, communication analysis, impromptu speaking, persuasive and informative speaking. May also compete in literary presentation including: prose, poetry and dramatic interpretation. Assessment Levels: R3, E3, M1.~~

~~SPCH 1145. FORENSIC ACTIVITIES II (0-2-1) 2310016012~~

~~Laboratory experience for students who participate in forensic activities on Del Mar Speech Squad. Forensic competition focused on competitions in researched communication activities such as: extemporaneous speaking, communication analysis, impromptu speaking, persuasive and informative speaking. May also compete in literary presentation including: prose, poetry and dramatic interpretation. Assessment Levels: R3, E3, M1.~~

~~SPCH 2144. FORENSIC ACTIVITIES III (0-2-1) 2310016012~~

~~Laboratory experience for students who participate in forensic activities on Del Mar Speech Squad. Forensic competition focused on competitions in research communication activities such as: extemporaneous speaking, communication analysis, impromptu speaking, persuasive and informative speaking. May also compete in literary presentation including: prose, poetry and dramatic interpretation. Assessment Levels: R3, E3, M1.~~

~~SPCH 2145. FORENSIC ACTIVITIES IV (0-2-1) 2310016012~~

~~Laboratory experience for students who participate in forensic activities on Del Mar Speech Squad. Forensic competition focused on competitions in research communication activities such as: extemporaneous speaking, communication analysis, impromptu speaking, persuasive and informative speaking. May also compete in literary presentation including: prose, poetry and dramatic interpretation. Assessment Levels: R3, E3, M1.~~