

SECTION 3 / ADDENDUM



Course Descriptions

- Additions, Changes and Deletions
 - » Biology
 - » Construction Technology
 - + Dental Hygiene
 - + English
 - + » ✕ Health Information Technology
 - + Medical Assistant
 - » Occupational Therapy Assistant
 - » Radiologic Technology
 - » Service Education
 - » Welding
 - ✕ Student Success

+ Additions

» Changes

✕ Deletions

SECTION 3 / COURSE DESCRIPTIONS ADDENDUM



» BIO 208 - Human Physiology with Lab 4

Prerequisite: BIO 207 with a grade of C or higher, LPN license or currently enrolled in a PN program and have completed Anatomy or Anatomy and Physiology with a grade of B or higher. Course presents the basic biological functions of the human body from cell to tissue, tissue to organ, and organ to organ system with attention to the interrelationships at these levels. (3 lecture, 1 lab)

» CNST 145 - Construction Methods I 3

Students will study the methods used to install various construction materials related to the major divisions of the Construction Specification Institute (CSI) format during their first year of trade school.

+ DH 122 - General and Oral Pathology 3

Course introduces the dental hygiene student to the study of disease, general pathology terminology and disorders of the human systems, with a detailed study of pathologic conditions of the oral cavity and surrounding structures. This will include concepts of immunity, infectious diseases and cancer; oral manifestations of systemic diseases; and principles of oral-systemic relationships.

+ ENGL 090 - Introduction to English Composition 1

This one-hour course is designed as a review for students with borderline reading and writing scores, preparing them for the next course level. The course covers active reading, common errors in writing and a source-based paper. This is a pass/fail course.

+ HIT 204 - Coding I 3

Prerequisites: BIO 207, CAPP 125, HEOC 120, and HIT 100 with grades of C or higher. Study of classification systems with major emphasis on diagnosis coding using ICD-10-CM and reimbursement methodologies, specifically DRGs.

✕ HIT 205 - Diagnosis Coding I 3

Prerequisites: BIO 207, BIO 208, BIO 215, HEOC 120, and HEOC 122 with grades of C or higher. Study of classification systems with major emphasis on inpatient coding using ICD-9-CM or ICD-10-CM and reimbursement methodologies, specifically DRGs.

+ HIT 206 - Coding II 3

Prerequisite: HIT 204 with a grade of C or higher. Continuing study of classification systems with major emphasis on inpatient procedure coding using ICD-10-PCS and reimbursement methodologies, specifically DRGs. Intense simulation of actual coding practices on all major body systems.

✕ HIT 207 - Diagnosis Coding II 3

Prerequisite: HIT 205 with a grade of C or higher. Continuing study of classification systems with major emphasis on inpatient diagnostic coding using ICD-09-CM or ICD-10-CM and reimbursement methodologies, specifically DRGs. Intense simulation of actual coding practices on all major body systems.

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- +** **HIT 208 - Coding III** 3
Prerequisites: BIO 208 and HIT 206 with grades of C or higher. Outpatient coding guidelines and reimbursement with major emphasis on CPT coding.
- ✕** **HIT 210 - Procedural Coding** 3
Prerequisites: HIT 207 with a grade of C or higher. Outpatient coding guidelines and reimbursement with major emphasis on CPT coding.
- »** **HIT 215 - Principles of Health Care Reimbursement** 3
Prerequisite: ENGL 070 and HIT 206 with grades of C or higher or equivalent placement scores. Course provides an understanding of the various payment systems and how reimbursement affects providers, payers, consumers, and policy makers. Explanation will be given of the managed care, commercial insurance, and government-sponsored payment systems. The student will compare and contrast systems and how to use related resources for accurate reimbursement.
- +** **MEA 100 - Medical Assisting General Orientation** .5
Prerequisites: Student must be at least 18 years of age, have successfully passed a criminal background check and have consent of program coordinator. Introduction and review of the program curricular component. This is a pass/fail course.
- +** **MEA 104 - Medical Assisting Psychology of Human Relations** 3
Prerequisites: Student must be at least 18 years of age, have successfully passed a criminal background check and have consent of program coordinator. Topics covered will include abnormal behavior patterns, terminally ill patients, patient advocacy, developmental stages of life, and working with diverse populations.
- +** **MEA 108 - Medical Assisting Administrative Procedures** 3
Prerequisites: Student must be at least 18 years of age, have successfully passed a criminal background check and have consent of program coordinator. Course includes records management, financial practices, insurance and coding, scheduling, office environment, and communication.
- +** **MEA 112 - Medical Assisting Clinical Procedures** 3
Prerequisites: Student must be at least 18 years of age, have successfully passed a criminal background check and have consent of program coordinator. Course includes infection control, patient screening, general/physical examination, specialty examination, procedure/minor surgery, medication administration, office emergencies, patient education, alternative healthcare/community resources, and adaptations.
- +** **MEA 116 - Medical Assisting Laboratory Procedures** 3
Prerequisites: Student must be at least 18 years of age, have successfully passed a criminal background check and have consent of program coordinator. Course includes quality control, CLIA – waived tests, biohazards, specimens, and patient instructions.
- »** **OTA 200 - Foundations of Occupational Therapy** 4
This course presents an introduction to occupational therapy including history, philosophical base, values, ethics, practice framework, and clinical reasoning. Students will learn selected theories and frames of reference as they pertain to interventions in mental health, physical disabilities, pediatrics, and community practice areas. An overview of the occupational therapy process, including assessment, treatment planning, treatment implementation, and discontinuation of intervention will be presented. Role delineation and collaboration of the occupational therapy assistant with other occupational therapy and health care personnel are discussed.
- »** **OTA 205 - Medical Conditions in Occupational Therapy** 3
This course will provide a framework for students to learn about common medical conditions seen by occupational therapy practitioners and to facilitate learning of these conditions from an occupational therapy perspective. It is not intended to emphasize treatment of a diagnosis; however, students will learn about specific factors unique to given conditions that may impact an individual's occupational roles and functions. These factors must be understood and analyzed regarding the relative impact on the individual's occupational performance. The knowledge gained from this course is a necessary pre-requisite to Physical Disabilities Practice.

» OTA 210 - Analysis of Occupations 2

This course is designed to foster a beginning exposure to individuals experiencing a variety of physical or mental disabilities, including caregivers of individuals with disabilities, through community experiences. Through these experiences, students will develop skills in observation, analysis, interview, assessment and data collection, and relational skills. Students will complete writing assignments with an emphasis on their observations, analysis, and performance of human occupation across the lifespan, with an emphasis on contextual factors impacting occupational performance. Through the written assignments, students will learn the style of professional writing required for OTAs. Professional and therapeutic relationships will be emphasized throughout the course.

» OTA 215 - Mental Health and Psychosocial Practice 4

This course presents the role of the occupational therapy assistant in the psychosocial area of occupational therapy practice. Students will learn selected frames of reference and explore the effects of psychosocial dysfunction on areas of occupation. Students will learn skills necessary to assess, implement and document intervention in a variety of mental health settings. Client factors, including culture and diversity, therapeutic interactions and methods are studied. Students will develop skills in administering individual and group interventions, professional communication, conflict negotiation, and advocacy. Lab activities, in-class activities, and Level I fieldwork opportunities will enable students to participate in and apply psychosocial principles to practice.

» OTA 220 - Pediatric and Adolescent Practice 4

Treatment of pediatric and adolescent conditions. Normal and delayed development of the infant, child and adolescent are explored. The lab component incorporates theoretical principles and provides opportunities for students to develop assessment, intervention planning and implementation, and documentation skills to address a range of childhood sensory-motor, cognitive and psychosocial performance deficits. Students will learn to adapt the environment, tools, materials, and occupations to meet the self-care, work/play, and leisure needs of the pediatric and adolescent population. Lab activities, site visits and Level I fieldwork opportunities will enable students to participate in and apply pediatric and adolescent treatment principles to practice.

» OTA 250 - Functional Kinesiology 2

In this course, students use and apply their knowledge of anatomy and physiology to study muscle groups and their function relative to performing various activities. Analysis of functional movement patterns required for work, self-care, play, and leisure activities is emphasized. Principles and techniques of manual muscle testing and range of motion are practiced, specifically as they relate to the impact on daily activities. Principles of energy conservation, joint protection and work simplification are presented. Prevention, health maintenance and safety procedures relevant to functional activities are reviewed.

» OTA 255 - Physical Disabilities Practice 4

This course provides in-depth opportunities for students to develop assessment, intervention planning, intervention, and documentation skills to address a wide range of adult and geriatric physical disabilities and conditions typically treated by occupational therapists and occupational therapy assistants. Topics include, but are not limited to, stroke, spinal cord injury, fractures and joint replacement, head injury, and cardiopulmonary disorders. The use of splinting, orthotics, modalities, and assistive technology in treatment will also be presented. Students will learn to adapt the environment, tools, materials, and occupations to meet the self-care, work, play, and leisure needs of the adult and geriatric population. Lab activities and Level I fieldwork opportunities will enable students to participate in and apply physical disabilities treatment principles to practice.

» OTA 260 - Community Practice 3

Site visits and Level I fieldwork opportunities will enable students to participate in and apply occupational therapy assessment and intervention principles to a wide range of community settings including vocational, vocational rehabilitation, home health, and emerging community practice areas. Emphasis will be on community settings in the students' state and geographic region. The course also provides a broad exposure to the social, political, legislative, economic, and cultural factors that influence service delivery.

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- » OTA 265 - Ethics, Management and Leadership** 3
This course focuses on the OTA role in managing and directing occupational therapy services. It covers ethical provision of services, departmental operations, program development, supervisory requirements, personnel development and supervision, professional team building, quality assurance, compliance with regulations, reimbursement, and national and state credentialing requirements. Techniques for developing a resumé and job interview skills are practiced. The importance and responsibility for ongoing OTA professional development, ethical practice, contributing to research and evidence-based practice, attention to emerging practice issues and areas, and international perspectives are explored.
- » OTA 270 - Professional Skills** 3
This course is designed to foster practical professional skills in critical thinking using literature to make evidence-based practice decisions and recommendations and using theory to guide practice, all through the completion of a professional portfolio.
- » OTA 290 - Level II Fieldwork A** 8
Full-time clinical fieldwork experience in mental health, physical disabilities, geriatric, pediatric, and/or community-based practice working under the supervision of an OTR and/or COTA. Focus is on achieving entry-level competence in planning and implementing interventions.
- » OTA 295 - Level II Fieldwork B** 8
Full-time clinical fieldwork experience in mental health, physical disabilities, geriatric, pediatric, and/or community-based practice working under the supervision of an OTR and/or COTA. Focus is on achieving entry-level competence in planning and implementing interventions.
- » RAD 100 - Radiologic Technology Prep Workshop** .5
Prerequisite: Consent of instructor. Applicants who meet minimum eligibility requirements upon application to the Radiologic Technology program will be invited to the workshop. If invited, the applicant must attend the workshop to be considered for the Radiologic Technology program. The workshop will inform potential students of all aspects of the program and review program requirements. Students will be invited to the workshop as a part of the application process; it is not a course in which a student can enroll. This is a pass/fail course.
- » RAD 120 - Radiographic Procedures I** 3
Students will learn and practice the proper steps in the completion of radiographic exams. Radiographic anatomy, radiation protection and patient care skills are reinforced. Students are introduced to basic film critique. Course will cover exams of the chest, abdomen and extremities. Course is a portion of the five steps to clinical competency. (1 lecture, 2 lab)
- » RAD 122 - Radiographic Procedures II** 3
Students will learn and practice the proper steps in the completion of radiographic exams. Radiographic anatomy, radiation protection and patient care skills are reinforced. Students are introduced to basic film critique. Course will cover exams of the thorax and spine, as well as contrast studies. Course is a portion of the five steps to clinical competency. (1 lecture, 2 lab)
- » RAD 124 - Radiographic Procedures III** 3
Students will learn and practice the proper steps in the completion of radiographic exams. Radiographic anatomy, radiation protection and patient care skills are reinforced. Students are introduced to basic film critique. Course will cover exams of the skull and facial bones. Course is a portion of the five steps to clinical competency. (2 lecture, 1 lab)
- » RAD 142 - Trauma and Advanced Imaging** 3
Builds on the positioning knowledge developed in the radiographic procedures courses. Advanced imaging techniques and approaches for imaging injured patients will be discussed. Radiographic anatomy, radiation protection and patient care skills will continue to be stressed. This course is a portion of the five steps to clinical competency. (2 lecture, 1 lab)
- » SRVE 180 - Problems in Service Learning and Leadership** 1 to 3
Prerequisite: Consent of instructor. Independent study of a special problem relating to Service Learning and Leadership under the supervision of an instructor in a related discipline.
- + SS 090 - Student Orientation** 0
Designed to provide interactions with other students, staff and faculty that will help students get a sense of the campus culture and how to conduct business with the college. Emphasis is on assisting students with the understanding of how to use the different online elements.

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✘ SS 100 - New Student Orientation .5

Prerequisite: Consent of instructor. Designed to provide interactions with other students, staff and faculty which will help students get a sense of the campus culture, and how to conduct business with the college. Emphasis upon assisting new students with the understanding of how to use the different online elements. This is a pass/fail course.

» WELD 104 - TIG Welding 4

Prerequisite: WELD 101 with a grade of B or higher or WELD 102 with a grade of C or higher. Advanced technical welding course structured primarily for specialized welding operations requiring a high degree of skill. Students will study the use of gas tungsten arc welding of ferrous and nonferrous metals in all positions according to the applicable code. (1 lecture, 3 lab)

» WELD 105 - Advanced Pipe Welding 4

Prerequisite: WELD 103 with a grade of C or higher and WELD 104. Corequisite: WELD 104. Course will utilize the GTAW (TIG) process for joining pipe. ASME Section 9 will be the governing code with welder qualifications available for the successful student. (1 lecture, 3 lab)

» WELD 114 - Structural Layouts and Shapes 3

Topics include whole numbers, number systems, dimensions, measurement, fractions, volume, weight, precision, accuracy, and percentages. In addition to teaching basic math concepts, the problems will give students a preview of the types of welding-related situations they will face in a work environment. Students will develop solid troubleshooting skills that will serve them throughout their careers as welders.

+ WELD 160 - Welding Fabrication 4

Prerequisite: WELD 102, WELD 115, and MATH 107 or WELD 114 or equivalent placement scores. An advanced, comprehensive class designed to put the skills obtained in the areas of welding, print reading, layout and shapes to practical use and provide additional instruction on welding fabrication, weldments and fixtures. Upon completion students will be able to fabricate a metal weldment using layout methods, prints and a weldment fixture. (1 lecture, 3 lab)