

# ALLIED HEALTH AND NURSING (ALHN)

## **ALHN 107, CAREER EXPLORATIONS IN DIAGNOSTIC MEDICAL SONOGRAPHY 1 (1)**

This course is an overview of the diagnostic medical sonography profession for those persons interested in exploring a possible career path in the field. It examines various sonography careers including required education preparation, benefits, roles, responsibilities, and opportunities in the field. Sonography practice settings, treatments, patient populations and specialty areas of practice are described.

**General Education:** IN1, IN4, IN5

**Course Entry Requirement(s):** Prerequisite: ALHN 112 and ALHN 113

**Typically Offered:** Fall and Spring Semesters

## **ALHN 108, CAREER EXPLORATION IN SURGICAL TECHNOLOGY 1 (1)**

This course is for students considering Surgical Technology as a career. It is an orientation to the Surgical Technology Program and will cover the role of the surgical technologist as a provider of care, career options, student requirements, required educational preparation and national certification as a Certified Surgical Technologist (CST). Basic surgical technology skills and the concepts of sterile technique and surgical conscience will be presented. Ethical and legal responsibilities to the patient will be included. At the end of this course the student will be able to make an informed decision about his/her suitability for a career in surgical technology. A grade of C or better is required in order to apply to the Surgical Technology Program.

**General Education:** IN2, IN4

**Typically Offered:** Summer, Fall and Spring Semesters

## **ALHN 110, MEDICAL TERMINOLOGY 3 (3)**

This course will introduce medical terminology including common medical word roots, prefixes, suffixes and combining forms. It will include common medical abbreviations, pronunciation, spelling and definitions of medical terminology related to the human body systems. People who are pursuing an allied health or nursing program, or who are reentering health care professions or persons working in health care related agencies will enhance their knowledge of medical terminology in this course. (TAG, CTAG)

**General Education:** IN2

**Typically Offered:** Summer, Fall and Spring Semesters

## **ALHN 112, INTRODUCTION TO MEDICAL TERMINOLOGY 1 (1)**

This course provides an introduction to medical terminology including common medical word roots, prefixes, suffixes and their combining word forms and common medical abbreviations. A course intended for persons considering a career in allied health or nursing or those re-entering the health care profession. Required course for students entering diagnostic medical sonography program (not required for advanced placement students).

**General Education:** IN2

**Typically Offered:** Summer, Fall and Spring Semesters

## **ALHN 113, INTRODUCTION TO PATIENT CARE 1 (2)**

This course introduces the student to the health care delivery system, exploring methods of providing basic patient-care skills, infection control, patient safety, and an introduction to healthcare worker safety in a medical environment. A course intended for persons considering a career in allied health or nursing, or those re-entering the health care profession. Laboratory required. (A special fee will be assessed). (CTAG)

**General Education:** IN1, IN2, IN3

**Typically Offered:** Summer, Fall and Spring Semesters

## **ALHN 117, INTRODUCTION TO BEHAVIORAL HEALTH 3 (3.5)**

Presents an historical review of the attitudes toward mental illness; reviews roles and functions of professionals working with individuals with emotional, behavioral, addiction, and/or social problems, studies various treatment procedures used in the mental health/human services field, and investigates different facilities where treatment and services are available.

**General Education:** IN1, IN2, IN3, IN4, IN5

**Typically Offered:** Offer as required

## **ALHN 118, PHARMACOLOGY FOR ALLIED HEALTH AND NURSING 3 (3)**

This course is designed to enable allied health students to acquire knowledge about pharmacology. General pharmacological concepts, such as drug medication preparation, drug calculations, drug classification and administration, drug interaction, will be presented. Drugs that are commonly given for diseases of the body systems will also be discussed.

**General Education:** IN1, IN4, IN5

**Course Entry Requirement(s):** Prerequisite: BIOG 115 or concurrent enrollment in BIOG 122 or divisional approval.

**Typically Offered:** Fall and Spring Semesters

## **ALHN 120, CAREER EXPLORATIONS IN OCCUPATIONAL THERAPY 1 (1)**

This course is an overview of the occupational therapy profession for those persons interested in exploring a career path in the field. It examines the different occupational therapy careers including required educational preparation, benefits, roles, responsibilities, and opportunities in the field. Occupational Therapy practice settings, treatment, patient populations and specialty areas of practice are described. This course is related to the curriculum design as it exposes the perspective OTA student to the field of OT by addressing foundational concepts such as history, activity analysis, and roles of the OT and OTA. Course is online except when completing observations is small groups during week seven of this eight week course.

**General Education:** IN1, IN2, IN3, IN4, IN5

**Typically Offered:** Fall and Spring Semesters

## **ALHN 121, GENERAL PATHOLOGY 2 (2)**

Basic principles of pathogenesis are explored. This also includes the study of the clinical manifestations of diseases according to body systems, diagnosis, treatment, and surgical intervention for the specific disease processes.

**General Education:** IN5

**Course Entry Requirement(s):** Prerequisite: BIOG 115 or previous or concurrent enrollment in BIOG 122.

**Typically Offered:** Summer, Fall and Spring Semesters

## **ALHN 124, CAREER EXPLORATIONS IN PHYSICAL THERAPY 1 (1)**

This course is an overview of the physical therapy profession for those persons interested in exploring a possible career path in the field. It examines various physical therapy careers including required educational preparation, benefits, roles, responsibilities, and opportunities in the field. Physical therapy practice settings, treatments, patient populations and specialty areas of practice are described.

**General Education:** IN1, IN4

**Typically Offered:** Fall and Spring Semesters

**ALHN 126, INTRODUCTION TO HEALTH INFORMATION TECHNOLOGY 3 (3)**

This course introduces electronic health information systems, designs, implementation, and application. Students gain knowledge and skills in techniques for managing and maintaining electronic health data and compilation, analysis of health care statistics, research protocols and techniques. Topics include imaging technology, information security and integrity, data dictionaries, basic statistical principles, databases, registries, descriptive statistics, research protocol monitoring, including data collection and analysis, data sources/sets, archival systems, and quality and integrity of healthcare data.

**General Education:** IN1, IN2, IN4

**Typically Offered:** Offer as required

**ALHN 127, INTRODUCTION TO MEDICAL RECORDS 3 (4)**

Students develop, evaluate, and implement billing and record systems for health information data using various classification systems to code and categorize patient information. Topics include health record content and structure, diagnostic coding legal and compliance requirements. Students will record transactions, process payments, and manage patient accounts. Further, students gain knowledge using coded data to produce and submit claims to insurance companies; reviewing and appealing unpaid and denied claims; and for handling collections on unpaid accounts.

**General Education:** IN1, IN2, IN4

**Typically Offered:** Fall and Spring Semesters

**ALHN 130, MEDICAL CODING FOR THE PHYSICIAN'S OFFICE 5 (6)**

This course will provide students with advanced knowledge of how to accurately report diagnoses and procedure codes through the application of official coding guidelines and the use of current year coding manuals. Students will learn to effectively identify, understand, and utilize medical codes as they will be applicable to physician reimbursement in the field of healthcare.

**General Education:** IN1, IN2, IN4

**Typically Offered:** Fall and Spring Semesters

**ALHN 212, CARDIAC INTENSIVE 2 (2)**

This course will expose the Health and Wellness Sciences student to realistic cardiac based situations in which they will apply assessment and clinical decision making skills utilizing communication, teamwork and best practices to care for the cardiac patient. Students will learn electrocardiograph (ECG) interpretation and care of dysrhythmias.

**General Education:** IN1, IN2, IN3, IN4, IN5

**Typically Offered:** Summer, Fall and Spring Semesters

**ALHN 213, ADVANCED CARDIAC LIFE SUPPORT 1 (16)**

The Advanced Cardiac Life Support course is designed for healthcare providers that participate in the management of cardiopulmonary arrest or other cardiovascular emergencies. Through didactic instruction and active participation in simulated cases, students will enhance their skills in the recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute arrhythmia, stroke and acute coronary syndromes (ACS). This course leads to certification through the American Heart Association. This course may be repeated up to ten (10) times for credit, but can satisfy only one (1) credit for academic program requirement. (A special fee will be assessed.)

**General Education:** IN1, IN2, IN3, IN4, IN5

**Typically Offered:** Summer, Fall and Spring Semesters

**ALHN 214, PEDIATRIC ADVANCED LIFE SUPPORT 1 (16)**

The Pediatric Advanced Life Support (PALS) course is designed for healthcare providers that participate in the management of respiratory and/or cardiovascular emergencies and cardiopulmonary arrest in pediatric patients. Pre-course preparation, didactic instruction and active participation in skill station and simulated cases will enhance the recognition of and intervention for respiratory emergencies, shock, and cardiopulmonary arrest. This course leads to certification through the American Heart Association. This course may be repeated up to ten (10) times for credit, but can satisfy only one (1) credit for academic program requirement. (A special fee will be assessed.)

**General Education:** IN1, IN2, IN3, IN4, IN5

**Typically Offered:** Summer, Fall and Spring Semesters

**ALHN 287, WORK-BASED LEARNING I - ALHN 1-3 (1)**

This course provides supervised, paid work experience with approved employer(s) in an area related to the student's program. Emphasis is placed on integrating prior or concurrent classroom learning with work experience through career readiness competencies. Students will be able to evaluate career selection and satisfactorily demonstrate work-related competencies.

**Course Entry Requirement(s):** A student must be pursuing a degree seeking program at LCCC; have completed 12 semester hours with a minimum of 6 semester hours in the discipline of placement; have a min GPA of 2.5 in the discipline and a 2.0 overall GPA; and have division approval.

**Typically Offered:** Offer as required

**ALHN 288, WORK-BASED LEARNING II - ALHN 1-3 (1)**

Building on experiences from Work Based Learning I, this course provides supervised, paid work experience with approved employer(s) in an area related to the student's program. Emphasis is placed on integrating prior or concurrent classroom learning with work experience through career readiness competencies. Students will be able to evaluate career selection and satisfactorily demonstrate work-related competencies.

**General Education:** IN1, IN2, IN3, IN4

**Course Entry Requirement(s):** Prerequisite: ALHN 287

**Typically Offered:** Offer as required

**ALHN 289, WORK BASED LEARNING III - ALHN 1-3 (1)**

Building on experiences from Work Based Learning II, this course provides supervised, paid work experience with approved employer(s) in an area related to the student's program. Emphasis is placed on integrating prior or concurrent classroom learning with work experience through career readiness competencies. Students will be able to evaluate career selection and satisfactorily demonstrate work-related competencies.

**General Education:** IN1, IN2, IN3, IN4

**Course Entry Requirement(s):** Prerequisite: ALHN 288

**Typically Offered:** Offer as required