

Carolinas College of Health Sciences

ADDENDUM

2013-2014 Catalog

Last Update: 4/2014

Academic Calendar (page 5) is updated as follows:

2013-14 New Student Orientation (Clinical & Non-Clinical) May 12-13

2013-14 Full Summer and Seven-Week Classes Begin May 19

2013-14 Registration/Drop Add Ends May 23

2013-14 Holiday-College Closed May 26

2013-14 Holiday-College Closed July 4

2013-14 Seven Week Classes Final Exams July 7-9

2013-14 Full Summer Classes End July 25

2013-14 Full Summer Final Exams July 28-August 1

Tuition and Fee Schedule (page 24) is updated as follows:

Nursing Lab (101 & 202) \$200

Nursing Lab (151, 152, 153, 154, & 155) \$100

Student Employment (page 30) is updated as follows:

At the discretion of the clinical preceptor, students enrolled in the School of Clinical Laboratory Sciences who demonstrate proficiency may be permitted to perform procedures under qualified supervision.

Weapons (page 38) is added as follows:

Carolinas HealthCare System, under North Carolina law (NCGS Section 14-415.23(a)), has adopted an ordinance prohibiting the possession of firearms or other weapons on campus. This prohibition is posted on all buildings including the Rankin Building which houses Carolinas College of Health Sciences. The possession of firearms and other weapons on campus will result in immediate administrative dismissal from the college.

Awards and Recognition (page 59) is added as follows:

The Golden Forceps Award is presented annually to a histotechnology graduate who best demonstrates academic achievement, clinical performance, leadership potential and community service.

Histotechnology Curriculum (page 60) is corrected as follows:

HTL 230 Microtomy/Cryotomy 5 Credits

Wound Treatment Associate (page 94) is updated as follows:

Carolinas College of Health Sciences offers the 12-week Wound Treatment Associate (WTA) Program, a Wound, Ostomy, and Continence Nurses (WOCN®) Society-endorsed educational program geared toward non-specialty licensed nurses. The WOCN Society developed this program to meet the growing need for skilled wound care providers across settings, including the military, and to enhance nurses' ability to provide optimal care for patients with acute and chronic wounds as members of a collaborative wound care team. The majority of the course is online, with onsite orientation, skills assessments and final exam. Students in this non-credit program take CON 007.

Professional Skills Courses (page 95) is updated as follows:

Add CON 007: Wound Care Associate

Course Descriptions (pages 104-105; 110) are updated as follows:

HTL 206: Professional Issues

Credits: 3 (3 Class) This course comprises units of study on professional development, educational methodologies, research design, and management. The unit on professional development introduces the importance of accreditation and certification along with a focus on developing professional ethics and participating in professional activities.

The unit on educational methodologies includes a presentation of educational concepts concerning instructional techniques and terminology that can be utilized in an educational setting as well as to train providers of laboratory services. The unit on research design provides an introduction to the fundamentals of research terminology, sampling, measurement, design, and analysis. The unit on management includes basic managerial principles, budget

considerations, laboratory safety practices, and quality assurance, quality improvement and total quality management as applied to the pre-analytical, analytical, and post-analytical components of the laboratory environment.

HTL 210: Histotechniques

Credits: 8 (5 Class, 3 Clinical) This course provides an introduction to histology laboratory operations and the principles of the routine histologic techniques of gross dissection, fixation, decalcification, tissue processing, and embedding. Emphasis is placed on histology laboratory organization, terminology, specimen accession, record keeping, instrumentation, and quality assurance. The topics of OSHA regulations, principles and concepts of medical ethics and legal issues are included. This course includes the applied laboratory techniques of dissection, fixation, decalcification, processing, and embedding.

HTL 220: Histochemistry

Credits: 6 (4 Class, 2 Clinical) This course encompasses histochemical principles and application of routine and special staining as well as mathematical concepts utilized in the histopathology laboratory. The course includes theories of staining and dyes, antibodies, muscle enzyme histochemistry, and immunohistochemical assays including enzyme immunohistochemistry. Emphasis is placed on evaluating stain selections, enzyme pretreatment, selecting appropriate control tissues, troubleshooting staining problems, and application of proper staining procedures for clinical correlation and quality patient care. This course includes the applied laboratory techniques of histological staining as well as immunohistochemistry and enzyme immunohistochemistry. Included in this course is the opportunity to observe cytological preparatory techniques.

HTL 230: Microtomy/Cryotomy I

Credits: 5 (2 Class, 3 Clinical) This course encompasses basic and advanced microtomy techniques along with an introduction to cryotomy. Emphasis is placed on the microtome, microtome knives, sectioning artifacts and corrections, knife angles, physics of sectioning, instrument maintenance, quality control, and microtome safety. Microtomy using manual and semi-automated microtomes as well as the cryostat will be covered. This course includes applied laboratory techniques in microtomy and cryotomy.

HTL 240: Microtomy/Cryotomy II

Credits: 4 (1 Class, 3 Clinical) This course encompasses basic and advanced cryotomy and frozen section methodologies. Emphasis is placed on the cryostat microtome, microtome knives, sectioning artifacts and corrections, sectioning devices, knife angles, physics of sectioning, instrument maintenance, and microtome safety. This course includes applied laboratory techniques in microtomy and cryotomy.

HTL 250: Histology/Histopathology

Credits: 5 (2 Class, 3 Clinical) This course encompasses the identification of cells and tissues in the human body along with cell structure, tissue composition, entities, function, and study of the most common tissues, organs and systems. Changes in tissue associated with the various disease states and the use of selected special stains and molecular assays will be used to identify disease processes in tissues. Emphasis is placed on the use of a bright field microscope and its importance in determining specimen quality and assisting in the diagnosis of health and disease in tissue specimens.

HTL 260: Histotechnology Clinical

Credits: 13 (4 Class, 9 Clinical) This is a clinical course that provides entry-level clinical experiences in the histopathology laboratory of Carolinas Medical Center. This course is designed to assist the student in refining skills and theory learned in previous courses in the histotechnology program along with understanding the daily workflow of a comprehensive histopathology laboratory. Emphasis is placed on preparing a quality microscopic slide for diagnosis. Clinical experiences include accessioning, tissue processing, embedding, microtomy, special staining, immunohistochemistry, kidney/muscle cryotomy, and case assembly. Upon completion, the student will demonstrate proficiency as an entry-level histotechnologist and be prepared to take the American Society for Clinical Pathology Board of Certification exam and the HTL level.

RAD 113: Applied Radiography III

Credits: 6 (3 Class, 3 Lab/Clinical)