Carolinas College of Health Sciences
ADDENDUM
2009-2010 Catalog
Last Update: 4/10

Academic Calendar (page 1) is updated as follows:
2010-11 Fall Break is October 18-19
2010-11 Full Fall Midterm is October 20
2010-11 Fall II Classes begin October 20

Medical Technology program name change to Medical Laboratory Sciences on the following pages:
Page 1 – Academic Calendar
Page 4 – Table of Contents
Page 5 – Accreditation
Page 9 – Admission to the College
Page 11 – Final Admission Requirements
Page 13 – Transfer and Advanced Standing Credit
Page 14 – Essential Functions
Page 17 – Financial Information
Page 39-41 – School of Clinical Laboratory Sciences
Page 86-97 – Faculty and Staff

Table of Contents (page 4) is updated as follows:
Facilities and Services: add subheading Computer Lab and Access….8

Facilities and Services (page 8) is updated with the addition of the following:
Computer Lab and Access
The College computer lab is open to all students. Personal computers with appropriate software packages, Internet access, and printing capabilities are available. In addition, viewing stations with VCR and DVD plays are accessible to students. The lab offers multimedia activities for assigned work, remediation or supplemental work. Hours of operation and guidelines for use are available in the lab. Additional computers, for student use, are available in the Charlotte AHEC Library.

The College's computer labs meet the needs of most students. However, some students may find it convenient to have off-campus computer access. Students should have access to a computer that will allow them to complete all coursework and general curriculum requirements, maintain communication with the College, and access electronic resources.

Computers should possess the following capabilities:
1. Minimum system resources to run all required applications
2. A basic word processing, presentation, and spreadsheet software package
3. Accessibility to the Internet and E-mail

Students are responsible for knowing how to operate their chosen computer system and the required software packages. Computer skills training is available through the College computer lab.

Individual coursework may require additional specialized software. In this case, the software requirements will be clearly outlined in the particular course syllabus. Students are then responsible for acquiring access to the specialized software, either through the College computer lab or off-campus.

Instructors who want assignments submitted in a particular format will specify the appropriate format in advance or (at the latest) when the assignment is given.

Special Topics Courses (page 37) is updated as follows:
HEA 107 Introduction to Integrative Therapies

Nursing Master Curriculum Plan (page 47) is updated as follows:
Add an asterisk next to each Nursing Intermediate Level Course (NUR 151, NUR 152, NUR 153, NUR 154, NUR 155) to correspond to the note at the bottom of the page referring to the sequence of the courses.

Computed Tomography (page 48) is updated as follows:
Add the academic calendar

	2010
New Student Orientation	Mar 15
Classes Begins	Mar 16
Holiday – College Closed	Apr 2
Holiday – No Classes	May 31
Last Day of Classes	Jun 28
Final Exams	Jun 29-30

Competency Evaluation and Skills (page 48) is updated as follows:
The clinical experience requirements for successful completion of the CT program consist of 25 of 54 exams with a minimum of 3 and maximum of 5 repetitions in each to total 125 competencies.

Master Curriculum Plan, Certificate in Computed Tomography (page 50) is updated as follows:
CAT 202 credits change to 3.5
CAT 204 credits change to 2.5

Radiation Therapy Master Curriculum Plan (page 56) is updated as follows:
Remove RTT 265 and change total semester hours for spring semester to 14
Add RTT 222 and change total semester hours for summer to 13

Continuing Education Courses (page 68) is updated as follows:
Add CON 044 Healing Touch Level III to Integrative Medicine Courses.

Course Descriptions (page 73) are updated as follows:
CON 044: Healing Touch Level III
This non-credit course leads to a certificate of completion in Healing Touch (HT) which incorporates a variety of basic to advanced healing modalities. The program is sequenced in 6 levels allowing participants to move from beginner to advanced practitioner, expert and instructor. Certification as a Healing Touch Practitioner and Instructor is available on application following completion of course work and additional requirements.

Course Descriptions (page 74) are updated as follows:
ENG 231: Early American Literature – add ENG 101 as a prerequisite.

HEA 108: Health and Wellness
Credits: 3 (3 Class) This course will provide a general overview of the physical, social, emotional, spiritual, and environmental dimensions of health and their applications to personal wellness.

Course Descriptions (page 79) are updated as follows:
RAD 113: Applied Radiography III
Credits: 6 (2 Class, 4 Lab/Clinical)

Course Descriptions (page 80-83) are updated as follows:
RTT 220: Clinical Oncology I
Credits: 3 (3 Class) This course provides an overview of common diseases and disorders associated with radiation therapy patients with an in-depth study of the principles of neoplasia. Emphasis is placed on cancer development in relation to specific anatomic regions and sectional anatomy as related to computer enhanced imaging. Topics include disease causation, mechanisms of disease, diagnostic procedures, common diseases and disorders, carcinogenesis, nomenclature, etiology, epidemiology, presenting symptoms, diagnostic work-up, pathology, tumor grading and staging, prognostic factors, patterns of spread, treatment options, prognosis for malignancies of the

major organs and body systems and anatomy and oncologic pathology as demonstrated in CT, MRI, PET and US images. Review of relevant anatomy and physiology will be included. Prerequisite(s): None; Corequisite(s): RTT 210, RTT 215, RTT 230, RTT 240, MAT 151

RTT 221: Clinical Oncology II

Credits: 3 (3 Class) This course provides a progressive in-depth study of neoplasia. Emphasis is placed on cancer development in relation to specific anatomic regions and sectional anatomy as related to computer enhanced imaging. Topics include nomenclature, etiology, epidemiology, presenting symptoms, diagnostic work-up, pathology, tumor grading and staging, prognostic factors, patterns of spread, treatment options, prognosis for malignancies of the major organs and body systems and anatomy and oncologic pathology as demonstrated in CT, MRI, PET and US images. Review of relevant anatomy and physiology will be included. Prerequisite(s): RTT 210, RTT 215, RTT 220, RTT 230, RTT 240, MAT 151; Corequisite(s): RTT 231, RTT 241, RTT 250, RTT 260

RTT 222: Clinical Oncology III

Credits: 3 (3 Class) This course provides a continued, progressive in-depth study of neoplasia. Emphasis is placed on cancer development in relation to specific anatomic regions and sectional anatomy as related to computer enhanced imaging. Topics include nomenclature, etiology, epidemiology, presenting symptoms, diagnostic work-up, pathology, tumor grading and staging, prognostic factors, patterns of spread, treatment options, prognosis for malignancies of the major organs and body systems and anatomy and oncologic pathology as demonstrated in CT, MRI, PET and US images. Review of relevant anatomy and physiology will be included. Prerequisite(s): RTT 221, RTT 231, RTT 241, RTT 250, RTT 260; Corequisite(s): RTT 232, RTT 242, RTT 251, RTT 270

RTT 242 Radiation Therapy Practicum III

Credits: 3 (1 Class, 2 Practicum) This course provides a continued, progressive opportunity to practice advanced clinical application of key theoretical concepts and gain skills under direct supervision of a qualified practitioner, while encouraging a level of independent performance expected of an entry-level Radiation Therapist. Emphasis is placed on the sequential development, application, analysis, integration, synthesis and evaluation of concepts and theories in radiation therapy. Students will develop critical thinking and problem-solving skills necessary to demonstrate successful completion of clinical objectives and competencies. This includes the development and refinement of personal and professional characteristics, patient care and assessment skills, equipment manipulation, mastery of simulation and treatment procedures and professional development. Students will rotate in simulation, treatment and dosimetry to achieve competency in patient care, beam modification, simulation and treatment procedures for cancers of various anatomic regions, and treatment planning. Time will be dedicated to demonstration of required competency procedures. Topics include block and bolus fabrication, patient immobilization, medical imaging and processing, nomenclature, simulator operation, tumor localization and treatment planning data acquisition, linear accelerator operation, radiation protection, quality management, treatment delivery and documentation, and interpretation of treatment plans. Case studies will be researched and presented. Participation in multidisciplinary conferences and continuing education activities is required. Prerequisite(s): RTT 221, RTT 231, RTT 241, RTT 250, RTT 260; Corequisite(s): RTT 222, RTT 232, RTT 251, RTT 270

Deleted RTT 265 Sectional Anatomy and Special Imaging

Faculty and Staff (page 86-98) is updated as follows:

Eichinger, Charlene
Clinical Faculty, Computed Tomography
AAS, Lorain Community College
Certification: RT (R) (CT)

Campbell, Manuel
Adjunct Faculty, Computed Tomography
AAS, Fayetteville Technical Community College
BS, Pfeiffer University
Certification: RT (R) (CT)

Hassanpour, Zinat
Adjunct Faculty, Computed Tomography
BS, Ahwaz University
MS, Ahwaz University

Holder, Mary

Program Director, Computed Tomography
Certificate, Williamsport Hospital School of Radiologic Technology
BA, West Virginia State College
MS, West Virginia University
Certification: RT (R) (MRI)

Mehl, Debbie
Adjunct Faculty, Computed Tomography
AS, Community College of the Air Force
AAS, Stanly Community College
BS, Florida College of Health Sciences
Certification: RT (R)