

Washtenaw Community College Comprehensive Report

RAD 223 Sectional Anatomy Effective Term: Spring/Summer 2010

Course Cover

Division: Health Sciences

Department: Allied Health

Discipline: Radiography

Course Number: 223

Org Number: 15600

Full Course Title: Sectional Anatomy

Transcript Title: Sectional Anatomy

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Consultation with all departments affected by this course is required.

Rationale: Paper change processed 12/14/09. CurricUNET not updated. Pushing through change to reflect up-to-date information. LN 9/10/10

Proposed Start Semester: Fall 2009

Course Description: This course will present an introduction to sectional anatomy. Students will learn the basic protocols for obtaining and analyzing sectional images. The sectional anatomy of the head, neck, chest, abdomen, pelvis, spine and joints will be studied.

Course Credit Hours

Variable hours: No

Credits: 2

Lecture Hours: Instructor: 30 Student: 30

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 30 Student: 30

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

RAD 217 minimum grade "C-"

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Recognize the protocols for obtaining sectional images of the head, neck, chest, abdomen, pelvis, spine and joints.

Assessment 1

Assessment Tool: Departmental final

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: 2nd year radiography students

Number students to be assessed: Number of students to be assessed is approximately 30

How the assessment will be scored: Itemized analysis of the departmental final exam.

Standard of success to be used for this assessment: 90% of the students will score 75% or above on the item analysis of the departmental final exam.

Who will score and analyze the data: Radiography program faculty.

2. Analyze the relationship of three dimensional anatomy on sectional images of the head, neck, chest, abdomen, pelvis, spine and joints.

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How the assessment will be scored: Itemized analysis of the departmental final exam.

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Who will score and analyze the data: Radiography program faculty.

Course Objectives

1. Differentiate between the body planes that are used to obtain sectional images of the head, neck, chest, abdomen, pelvis, spine and joints.
2. Compare and contrast the appearance of the normal anatomy of the head, neck, chest, abdomen, pelvis, spine and joints in the different body planes.
3. Explain the relationship of the vascular system and identify the major vascular structures on cross sectional images of the head, neck, chest, abdomen, pelvis, spine and joints in the different body planes.
4. Identify the major muscles demonstrated on cross sectional images of the head, neck, chest, abdomen, pelvis, spine and joints in the different body planes.
5. Recognize the normal anatomical variants seen on cross sectional images of the head, neck, chest, abdomen, pelvis, spine and joints in the different body planes.

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Other: blackboard

Reviewer

Action

Date

Faculty Preparer:

Connie Foster

Faculty Preparer

Sep 12, 2010

Department Chair/Area Director:

Dean:

Curriculum Committee Chair:

Assessment Committee Chair:

Vice President for Instruction: