

Quarter 4 (Weeks 41 – 50)

Instructors: Kent Hutchings, MS, CNMT
Other Instructors: TBA

Notes: Quarter 4 Final exam: Friday, Dec 22nd at VA Livermore
Breaks: Friday, November 10th (Veteran's Day)
Thursday, November 23rd – Friday, November 24th (Thanksgiving)
Monday, December 25th – Monday, January 1st (Winter Break)

Tuesday

Patient Care

Tuesday, Oct 17; Wk 41
Tuesday, Oct 24; Wk 42
Tuesday, Oct 31; Wk 43
Tuesday, Nov 7; Wk 44
Tuesday, Nov 14; Wk 45
Tuesday, Nov 21; Wk 46
Tuesday, Nov 28; Wk 47
Tuesday, Dec 5; Wk 48
Tuesday, Dec 12; Wk 49
Tuesday, Dec 19; Wk 50

(12:00 – 1:00 pm)

Administr / Pt ID/ Records (Ch7, App A)
Body Mechanics (Ch 4, 5 & 8) / **Quiz 1**
Infection Control (Ch 6)
Age-specific Communications / **Quiz 2**
Communications – Part II (Ch 2 & 3)
Health Science Research Methods
Coding and Insurance Systems / **Quiz 3**
Economics of Health Care
Healthcare Administration / **Quiz 4**
Consumer Impact on Health Care

Diagnostic NM IV

Tuesday, Oct 17; Wk 41
Tuesday, Oct 24; Wk 42
Tuesday, Oct 31; Wk 43
Tuesday, Nov 7; Wk 44
Tuesday, Nov 14; Wk 45
Tuesday, Nov 21; Wk 46
Tuesday, Nov 28; Wk 47
Tuesday, Dec 5; Wk 48
Tuesday, Dec 12; Wk 49
Tuesday, Dec 19; Wk 50

(1:15 – 2:15 pm)

Bone Marrow Imaging
Infarct (Cardiac) Imaging / **Quiz 1**
EGNA & RVEF
First Pass Angiography
Major Vessel Flow (DVT) / **Quiz 2**
Salivary Gland Imaging / Quiz 3
Esophageal Motility
Selective Spleen Imaging
Dacryoscintigraphy
LeVeen Shunt Study / **Quiz 4**

Thursday

Computer Applicatns

Thursday, Oct 19; Wk 41
Thursday, Oct 26; Wk 42
Thursday, Nov 2; Wk 43
Thursday, Nov 9; Wk 44
Thursday, Nov 16; Wk 45
Thursday, Nov 23; Wk 46
Thursday, Nov 30; Wk 47
Thursday, Dec 7; Wk 48
Thursday, Dec 14; Wk 49
Thursday, Dec 21; Wk 50

(12:00 – 1:00 pm)

Types of computers (Ch 1)
Computer Hardware (Ch 2 & 4)
Communications and Internet (Ch 5) / **Quiz 1**
Nuclear Medicine Computer Systems (Ch 6)
Image Acquisition Methods (Ch 7)
Medical Informatics / Quiz 2
Thanksgiving Break
Filters/Fourier Transformation (Ch 8 & 11)
Basic Quant & Image Analysis (Ch 9)
Nuclear Cardiology (Ch 10) / **Quiz 3**

Radiobiology

Thursday, Oct 19; Wk 41
Thursday, Oct 26; Wk 42
Thursday, Nov 2; Wk 43
Thursday, Nov 9; Wk 44
Thursday, Nov 16; Wk 45
Thursday, Nov 23; Wk 46
Thursday, Nov 30; Wk 47
Thursday, Dec 7; Wk 48
Thursday, Dec 14; Wk 49
Thursday, Dec 21; Wk 50

(1:15 – 2:15 pm)

Cell Cycle and DNA Replication
Interactions of Radiation with Matter
Radiation Genetics and Cellular Response I / **Quiz 1**
Radiation Genetics and Cellular Response II
Factors Affecting Cellular Response / **Quiz 2**
Tissue and Systemic Response to Radiation
Thanksgiving Break
Effects of *in Utero* Exposure
Late Effects of Radiation Exposure / **Quiz 3**
Dosimetry of Radiopharmaceuticals

Radionuclide Therapy

Thursday, Oct 19; Wk 41
Thursday, Oct 26; Wk 42
Thursday, Nov 2; Wk 43
Thursday, Nov 9; Wk 44
Thursday, Nov 16; Wk 45
Thursday, Nov 23; Wk 46
Thursday, Nov 30; Wk 47
Thursday, Dec 7; Wk 48
Thursday, Dec 14; Wk 49
Thursday, Dec 21; Wk 50

(2:30 – 3:30 pm)

Introduction
Intracavitary Palliation
Bone Marrow Palliation/Polycythemia V.
Thyroid Therapy and Ablation / **Quiz 1**
Thyroid Carcinoma Ablation
Radiolabeled Antibody Therapy / Quiz 2
Thanksgiving Break
Palliation of Metastatic Bone Pain
SIR Sphere Therapy
Molecular Imaging / **Quiz 3**

Notes:

- 1) Chapter review assignments are due on Friday, December 8th.
- 2) Note: Winter break is the last opportunity to make up any absences that exceed the maximum allowed leave.