MRAD 281 – Computed Tomography Theory 2 Course Schedule

Please see page 3 for marks breakdown.

This schedule may be changed as required.

Day	Topic	Self-Study Activities	Quizzes/Exams
1	Welcome to MRAD 281 **Student Resources and Answer Keys** Introduction to CT Scanning and Learning Activities Outcome 3: Explain CT imaging for an examination of the head. **Continued in day 2**.	Textbook Readings Refer to MRAD 281 Reading List Edenbrook Learning Activities **and continued in day 2**.Anatomical Planes & Cross-Sectional Terminology ➢ Cross-Sectional Anatomy Identification – Head Self-Test – Introduction to CT Scanning Self-Test – Head Anatomy	
2	Outcome 3 continued: Explain CT imaging for an examination of the head. Image Review – CT Head Assignment #1 Review & Preparation	Textbook Readings Refer to MRAD 281 Reading List Edenbrook Learning Activities ➢ Cross-Sectional Anatomy Identification – Head Self-Test – Head Anatomy	
3	Review of course materials for Introduction to CT Scanning and Head	Review of course materials for Introduction to CT Scanning and Head	**Assignment #1: Introduction to CT Scanning and Head 30%**
4	Outcome 4: Explain CT imaging for an examination of the neck. Image Review – CT Neck	Textbook Readings Refer to MRAD 281 Reading List Edenbrook Learning Activities ➢ Cross-Sectional Anatomy Identification – Neck Self-Test – Neck Anatomy	
5	Outcome 2: Explain CT imaging for an examination of the chest. Image Review – CT Chest Assignment #2 Review and Preparation	Textbook Readings Refer to MRAD 281 Reading List Edenbrook Learning Activities ➢ Cross-Sectional Anatomy Identification –Chest Self-Test – Chest Anatomy	

6	Review of course materials for Head, Neck and Chest	Review of course materials for Head, Neck and Chest	**Assignment #2: Head, Neck and Chest 35%**
7	Outcome 1: Explain CT imaging for an examination of the abdomen. Outcome 5: Explain CT imaging for an examination of the pelvis. Image Review – CT Abdomen and Pelvis	Textbook Readings Refer to MRAD 281 Reading List Edenbrook Learning Activities ➢ Cross-Sectional Anatomy Identification – Abdomen ➢ Cross-Sectional Anatomy Identification – Pelvis Self-Test – Abdomen and Pelvis Anatomy	
8	Outcome 6: Explain CT imaging for an examination of the spine. Outcome 7: Explain CT imaging for an examination of the extremities.	Textbook Readings Refer to MRAD 281 Reading List Edenbrook Learning Activities ➢ Cross-Sectional Anatomy Identification –Spine ➢ Cross-Sectional Anatomy Identification – Extremities Self-Test – Spine Anatomy Self-Test – Extremities Anatomy	
9	Review of course materials for: Head, Neck, Chest, Abdomen, Pelvis, Spine and Extremities	Review of course materials for: Head, Neck, Chest, Abdomen, Pelvis, Spine and Extremities	
10	Final Exam		**Final Exam 35%**

Grading Scheme & Breakdown

Assessment Type	Weight (%)
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Assignment #2 • Outcome 3: Explain CT imaging for an examination of the head. • Outcome 4: Explain CT imaging for an examination of the neck. • Outcome 2: Explain CT imaging for an examination of the chest.	35%
Final Exam (Cumulative) Approximately 25% of the Exam Questions • Outcome 3: Explain CT imaging for an examination of the head. • Outcome 4: Explain CT imaging for an examination of the neck • Outcome 2: Explain CT imaging for an examination of the chest. Approximately 75% of the Exam Questions • Outcome 1: Explain CT imaging for an examination of the abdomen. • Outcome 5: Explain CT imaging for an examination of the pelvis. • Outcome 6: Explain CT imaging for an examination of the spine. • Outcome 7: Explain CT imaging for an examination of the extremities	35%

Exam Details

- Final exam is completed in Brightspace.