



## Saudi Licensing Examinations

### Radiography Technician Blueprint

#### Blueprint outlines

Evaluation Item	Sections	Percentage (%)
(150 MCQs, 3 hours)	1. Radiation Protection	12%
	2. X-ray	13%
	3. CT	10%
	4. MRI	10%
	5. Ultrasound	10%
	6. Nuclear Medicine	10%
	7. Angio	4%
	8. Fluoroscopy	4%
	9. General Anatomy	17%
	10. Patient Safety	5%
	11. Professionalism and Ethics	5%
<b>Total</b>		<b>100%</b>

#### **Note:**

Test specifications and content have been reviewed and updated, therefore pass rates are adjusted accordingly.

**Passing Score:** 55%

This applies for any test conducted as of June 20, 2022 and beyond

- Blueprint distributions of the examination may differ up to +/-5% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.

**References:**

1. Nuclear Medicine and PET/CT: Technology and Techniques 7<sup>th</sup> Edition, by Paul E. Christian & Kristen M. Waterstram-Rich. ISBN-10: 0323071929
2. Sonography Principles and Instruments 9<sup>th</sup> Edition, by Frederick W. Kremkau. ISBN-10: 0323322719
3. Basic Radiation Protection Technology 6<sup>th</sup> Edition, by Daniel A Gollnick. ISBN10: 0916339149
4. Chesneys Radiographic Imaging 6<sup>th</sup> Edition, by Jhon Ball & Tony Price. ISBN: 978-0-632-03901-2
5. Chesneys' Equipment for Student Radiographers, 4<sup>th</sup> Edition, by P. H. Carter, A. M. Paterson, M. L. Thornton, A. P. Hyatt, A. Milne, J. R. Pirrie. ISBN: 978-0632-02724-8
6. Essentials Of Ultrasound Physics 1<sup>st</sup> Edition, by James A. Zagzebski. ISBN-10: 0815198523
7. Clinical Sonography: A Practical Guide 5<sup>th</sup> Edition, by Roger C. Sanders, ISBN10: 1451192525
8. MRI in Practice 5<sup>th</sup> Edition, by Catherine Westbrook, John Talbot ISBN-10: 1119391962
9. CT Imaging: Practical Physics, Artifacts, and Pitfalls, by Alexander C. Mamourian. ASIN: B01JXRVPY
10. Cross Sectional Anatomy CT & MRI 1<sup>st</sup> Edition, by Govind B. Chavhan & Jankharia Bhavin. ISBN-10: 9350250462
11. Clark's Positioning in Radiography 13<sup>th</sup> Edition by A. Stewart Whitley ISBN-10: 149875693X
12. Essential Physics of Medical Imaging, by Jerrold Bushberg. 3<sup>rd</sup> Edition. ISBN: 9780781780575
13. Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.

**Note:**

- This list is intended for use as a study aid only. SCFHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.