

Radiologic Science 1 Lab Fall 2020

lab	Topic	Equipment
1	Introduction to the lab	X-ray machine, x-ray control console
2	Exploring the X-ray Machine Control Console	X-ray control console
3	mAs Reciprocity	X-ray control console, phantom, CR image receptor
4	Introduction to a Radiographic Technique Chart and Basic Image Manipulation	Whole body phantom, caliper, CR reader
5	CR Exposure Index	X-ray control console, phantom, CR image receptor
6	DR Exposure Index	X-ray control console, phantom, CR image receptor
7	Exposure Index and Noise in Digital Imaging	X-ray control console, phantom, DR image receptor
8	Inverse Square Law	X-ray control console, phantom, CR image receptor
9	Direct Square Law	X-ray control console, phantom, CR image receptor
10	15% Rule and Effect	X-ray control console, phantom, DR image receptor
11	Scatter Radiation and Grids	X-ray control console, phantom, CR image receptor, grid
12	Basic Grid Errors	X-ray control console, phantom, CR image receptor, grid
13	Introduction to AEC	X-ray control console, phantom, DR image receptor
14	Basic AEC Errors	X-ray control console, phantom, DR image receptor