

Course Contents

- 1 - Electromagnetic and visible spectrum
- 2 - Structure and types of X-ray films
- 3 - Structure and function of Intensifying screen.
- 4 - Dark room contents.
- 5 - Latent image formation
- 6 - Manual processing
- 7 - Automatic processing
- 8 - Processing Faults
- 9 - Silver recovery

Teaching and Learning Methods

- 1 - Power point notes
- 2 - Illustration Videos

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
attendance	the whole semester	5
First mid term	after the first month	20
second mid term	after the second month	20
presentation	during the seventh week	5
Final exam	the end of semester	50

Books and References

Essential books	Radiographic Imaging / a practical approach, revised by chrisine gunn
Recommended books	K. Kirk Shung, Michael B. Smith, Benjamin Tsui, Principles of Medical Imaging, Academic Press, Inc., London, 1992