



Course Title: An Introduction to Medical Imaging: What You Need to Know
Course Code: WSP 286
Instructor: Jessica Klockow, PhD

Course Summary:

WSP 286 is an introductory course that focuses on the different imaging modalities used in medicine. Specific attention will be given to x-ray, CT, PET, SPECT, MRI, and ultrasound. Students should leave the course with a general understanding of how the imaging techniques work, what information they can provide, and what potential risks are involved.

Please see course page for full description and additional details.

Grade Options and Requirements:

No Grade Requested (NGR): This one-day workshop does not meet the minimum requirement for a unit, and students are not eligible for Credit or a Letter Grade. Certificates of attendance will be handed out at the end of class for those who are interested.

Tentative Outline:

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| 10:00 - 11:00 am | Introduction, Radiation, Contrast Agents |
| 11:00 - 12:00 | X-ray, Computed Tomography (CT) |
| 12:00 - 1:00 | Lunch Break |
| 1:00 - 2:00 pm | Positron Emission Tomography (PET), Single-Photon Emission Computed Tomography (SPECT) |
| 2:00 - 3:00 pm | Magnetic Resonance Imaging (MRI), Ultrasound |
| 3:00 - 4:00 pm | Miscellaneous Imaging, Summary |