

Research X-Ray Safety Fundamentals Quiz



Northern Illinois
University

References:

NIU X-Ray Safety Manual
NIU X-Ray Fundamentals (PPT)
NIU X-Ray Safety Video

Instructions:

1. Please (carefully) read NIU X-Ray safety references before taking the quiz.
2. Print out this form and circle correct answers in black ink.
3. This is an open book exam, please refer to NIU references.
4. Print your full name, name of your principal investigator (professor/researcher), X-Ray location, NIU phone number, e-mail address, and today's date on spaces provided.
5. Read each question carefully and answer them all.
6. Quiz should take about 15 minutes to complete.
7. Sign your name at bottom of quiz.
8. **Make a copy of completed form for your records and send the original through campus mail to:**

Michele Crase, Lab Safety –ORCI
mcrase@niu.edu



Any questions please call Michele Crase 815-753-9251

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Name: _____ Date: _____

Name of principal investigator (professor/researcher): _____

Your NIU Phone #: _____ your e-mail address: _____

X-ray Lab location (Building/room #): _____

Quiz (circle best answer)

1. X-rays were discovered in _____? **2001 1985 1977 1895**
2. X-rays are a form of _____ radiation?
Cosmetic Particulate Visible Electromagnetic
3. A cracked X-ray viewing window is an example of an unsafe condition? **True False**
4. X-rays pass right through matter with no interactions. **True False**
5. The most common X-ray device at NIU is used for _____ research.
Industrial Therapy Federalism Analytical
6. You could place your finger into a primary X-ray beam for minutes without any effect?
True False
7. It is desirable to shield X-rays with lead. **True False**
8. Increased distance from an X-ray device will _____ my radiation exposure.
Raise Decrease Have no effect Stop
9. Having a Radiation Protection Plan is an option, not a requirement. **True False**
10. If you plan to obtain an X-ray device for use at NIU you must notify _____.
Next of Kin NIU Radiation Safety Officer Surgeon General Nobody
11. If you modify or repair an X-ray device's shielding, you do not need to notify anyone.
True False
12. Minors are NOT allowed to operate X-ray devices without prior approval of the NIU Radiation Safety Officer. **True False**

Quiz completed by: _____

Please sign name

Your signature indicates that you have had any questions answered and understand the information presented.

**Mail Completed Quiz through campus mail to Michele Crase, Lab Safety -ORCI
attn: Michele Crase**