

# 5 Weeks Online Course

## Course Schedule

### Week 1

MR Departmental Framework

MR Departmental Personnel Screening

### Week 2

Static Field Effects

Time Varying Gradient Field Effects

Radio Frequency Effects

### Week 3

SAR and Imaging Parameters

Biologic Effects

### Week 4

Implants and Devices

Medical Emergencies in MR

### Week 5

Quench Considerations

Contrast Agents Safety

## **MR SAFETY MADE EASY COURSE**

**\*All participants will receive:**

**\*21.75 Category A CE Credit  
approved by the ASRT.**

**\*Certificate of Course Completion**

**\*Access to Instructor for MRI  
questions and explanations**

**\* See Terms and Conditions**

**MR SAFETY  
MADE EASY  
COURSE**



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A TIME**

# AN EDUCATIONAL

## SERVICE OF:



### Objectives

1. To become familiar with MR Departmental Framework
2. To learn about MR Departmental Screening Protocols
3. To gain knowledge about Static Fields Effects
4. To gain knowledge about Time Varying Gradient Fields Effects
5. To gain knowledge about Radio Frequency Effects
6. To review and recognize the Imaging Parameters Effects on SAR
7. To gain knowledge about Biologic Effects
8. To evaluate Implants and Devices
9. To become familiar with Medical Emergencies in MR
10. To learn about Quench Considerations
11. To review and recognize Contrast Agent Safety

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Lawrence McNair is currently working as an independent consultant with New Age Innovations LLC, providing MRI, CT, and X-ray education and operations consulting. He also serves as the MRSO at Birmingham Veterans Hospital. Lawrence is the author of "**MRI Layman's Terms Registry Review (LJ Notes)**", "**MRI Layman's Terms: The Basis Concepts of MRI Physics Made Easy (LJ Notes)**", "**CT Layman's Terms Registry Review (LJ Notes)**", "**CT Layman's Terms : The Basic Concepts of CT Physics Made Easy (LJ Notes)**", "**Diagnostic X-Ray Layman's Terms: The Basis Concepts of Diagnostic X-Ray Physics Made Easy (LJ Notes)**" and "**Diagnostic X-Ray Layman's Terms Registry Review (LJ Notes)**". Lawrence approach to this course is always entertaining and informative. Lawrence McNair's website is [www.laymanterms.org](http://www.laymanterms.org).

## COURSE OBJECTIVE

This course is designed to provide a comprehensive review of Magnetic Resonance Safety and a step by step method of preparation for successful completion of the American Board of Magnetic Resonance Safety (ABMRS) MRSO Exam.

### Sample of Topics Covered

Staff Recommendations

Sitting Considerations

Personnel Designation and Training

Patient and Non Patient Screening

Patient Burns

MRI Conditional Labeling

Patient Monitoring

Safety Zones

Managing SAR

Pediatric Patients

**\* This online course for MRSO is not affiliated with, nor endorsed by the American Board of Magnetic Resonance Safety (ABMRS). For more information regarding ABMRS certification exams please see the following website. <https://abmrs.org/>**