

Applied Physics Mini-course #3: Ultrasound Physics 2017

Thursday, September 14, 2017

3:45 to 5:00 pm - TGH – Room ES450A

Lecture 1. 'Ultrasound Past and Present'

Online Module 1. Please complete prior to lecture

www.miappliedphysics.com

Thursday, September 21, 2017

3:45 to 5:00 pm – TGH – Room ES450A

Lecture 2. 'Ultrasound Fundamentals: Governing Physics and Image Formation'

Online Module 2. Please complete prior to lecture

www.miappliedphysics.com

Thursday, September 28, 2017

3:45 to 5:00 pm – TGH – Room ES450A

Lecture 3. 'Ultrasound Technology and Image Processing'

Online Module 3. Please complete prior to lecture

www.miappliedphysics.com

Thursday, October 5, 2017

3:45 to 5:00 pm – TGH - Room ES-450A

Lecture 4: 'Blood Flow and Doppler'

Online Module 4: Please complete prior to lecture

www.miappliedphysics.com

Thursday, October 19, 2017

3:45 to 5:00 pm – SHSC – Dembo Aud (TB62)

Lecture 5: 'Contrast-Enhanced Imaging'

Online Module 5: Please complete prior to lecture

www.miappliedphysics.com

Thursday, October 26, 2017

3:45 to 5:00 pm – TGH – Room ES-450A

Lecture 6: 'Bioeffects/Safety and Review'

Online Module 6: Please complete prior to lecture

www.miappliedphysics.com

Thursday, November 2, 2017

1:30 – 5:00 pm – Room tba

Ultrasound Lab: Hands-on exercises (5 people/group, 50 minutes/group)

Lab Book: www.miappliedphysics.com