

# *Magnetic Resonance Imaging and Cross Sectional Anatomy for Imaging Professionals*



**Montgomery College - Takoma Park/Silver Spring Campus**

*Customer Service/Registration - (240) 567-5188*

## **Cross Sectional Anatomy for Imaging Professionals**

This 15 hour course is designed to provide an in-depth understanding of cross sectional anatomy for imaging specialists. The course will cover sectional anatomy for the entire human body. Required Textbook is Sectional Anatomy for Imaging Professionals by Lorrie Kelley and Connie Petersen.

Approval for 15 CEUS through ASRT is pending. Tuition waiver applies; seniors pay fee only.

HSC Room 423

Course: **AHT 195** CRN# 48537 Cost: \$225 + \$75 fee = \$300;

Non-residents: Add \$160

Thursday, June 11, 2009 through July 9, 2009, 6:30pm - 9:30pm

## **Magnetic Resonance Imaging Physics**

This course is designed to provide the students with the knowledge and understanding of content specifications required by the ARRT examination in Magnetic Resonance. The content will include the risks and safety concerns related to MRI, MR signal production, T1 and T2 relaxation, relationship between tissue and image contrast, data acquisition, pulse sequences, sequence parameters and options, data manipulation, instrumentation, artifacts, and quality control. Approval for 25 CEUS through ASRT is pending. Required Textbook is MRI in Practice, 3rd edition by Westbrook Tuition waiver applies; seniors pay fee only. HSC Room 423

Course: **AHT 202** CRN# 25119 Cost: \$300 + \$75 fee = \$375;

Non-residents: Add \$160

Tuesday, September 15, 2009 through November 17, 2009 6:00pm - 8:30pm

## **Computed Tomography Imaging**

This course will provide a foundation that will be useful for expanding knowledge in Computed Tomography and as a preparation for the CT examination. Content covered will include a comprehensive coverage of the physical principles of CT and clinical applications, contrast media administration, parameters affecting CT image quality, quality control measurements, image reconstruction and post-processing, image display, artifacts and radiation safety and dosimetry. Approval for 28 CEUS through ASRT is pending. Tuition waiver applies; seniors pay fee only.

HSC Room 423

Course #: **AHT 206** CRN# 25603 Cost: \$300 + \$75 fee = \$375.00;

Non-residents: Add \$160

Saturday, September 19, 2009 through October 31, 2009, 10:00 am – 2:00 pm

**For more information please contact Kathy Lewandowski (240) 567-5565 or [kathylewandowski@montgomerycollege.edu](mailto:kathylewandowski@montgomerycollege.edu)**

### REGISTRATION OPTIONS

#### **OPTION 1: Web Registration**

If you are paying by credit card, you can register on the Web.

- Go to [montgomerycollege.edu/wdce/registerops.html](http://montgomerycollege.edu/wdce/registerops.html)
- Click on "Register by Web"
- Follow the appropriate directions depending on if you are a new student or a returning student
- Questions? Call 240-567-5188

#### **OPTION 2: Mail Registration**

• Send completed form with payment for total due to Montgomery College, Workforce Development & Continuing Education, 51 Mannakee Street, Rockville, MD 20850. Visa, Discover, and MasterCard are accepted as payment; if you use a personal check, please make it payable to Montgomery College.

#### **OPTION 3: Fax Registration**

• Fax completed form indicating Visa, Discover, or MasterCard payment to Montgomery College, Workforce Development & Continuing Education at 240-567-7860.

#### **OPTION 4: In-Person**

**Takoma Park/Silver Spring Campus**, Student Services Pavilion: 8:30am-7pm, Mon.-Thurs.; 8:30am-5pm, Fri.

**Westfield South**, 11002 Veirs Mill Road, Suite 306, Wheaton: 8:30am-7pm, Mon-Thurs; 8:30am-5pm, Fri; 9am-5pm, Sat.