This course will introduce students to Cytopathology. Students will learn basic preparatory techniques and be involved in evaluation of gynecologic and non-gynecologic preparations. Students will have opportunity to participate the entire cytologic diagnostic process, including taking patients' medical history, examination of targeted lesions (physically and radiologically), specimen preparation, and final cytologic diagnosis. The course includes didactic lectures and participation of daily cytology sign-out sessions. Students will also have opportunity to attend cytology teleconference provided by American Society of Clinical Pathology and pathology resident seminars that related to Cytopathology. After this course, students will gain knowledge on principle of Cytopathology and understand the importance of clinical and pathologic correlation in clinical management of patients. The course will take either two or four weeks with 2.5 or 5.0 credit hours.

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### MEETING TIME AND PLACE
CH303F 8:00 (day one)

### COURSE MATERIALS
Reference text book:
1. The art & Science of Cytopathology. Richard M. DeMay
2. The Bethesda System for Reporting Cervical Cytology. Diane Solomon, Ritu Nayar

### GOALS

#### #1 Effective Communication Goals

**Educational Objectives**
Develop a medical vocabulary and use written language effectively. Learn the skills in communication with clinicians and patients.

**Method of Evaluation**
Direct observation by faculty and residents during direct patient care and review of other clinical and didactic activities

#### #2 Application of Basic Science Knowledge in the Practice of Medicine

**Educational Objectives**
Understand pathological basis of diseases; Correlate clinical symptoms with underlying pathophysiologic mechanisms

**Method of Evaluation**
Direct observation and Question/Answer sessions

#### #3 Lifelong Learning

**Educational Objectives**
Recognize personal limits in knowledge and experience. No specialty in medicine can stand alone and multidiscipline approach is required for patient management.

**Method of Evaluation**
Direct observation by residents and attendings of student day-to-day activities of the team.

### STUDENT GRADE
Direct observation
Project: A 45 min. PowerPoint presentation on a topic related to Cytopathology.