



Edward Via College of Osteopathic Medicine

4th Year Clinical Rotation: Pharmacology

MED 8401: Elective Clinical Rotation I
MED 8411: Elective Clinical Rotation II
MED 8421: Elective Clinical Rotation III
MED 8431: Elective Clinical Rotation IV

COURSE SYLLABUS

Chair	Contact Information
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I. **Rotation Description**

Family physicians write prescriptions on a daily basis, in both the inpatient and outpatient settings, so it is important to learn how to optimize pharmacotherapy in such a way that decreases patients' morbidity and mortality. Additionally, cultivating the skills necessary for life-long learning is a vital part of training as new knowledge is available daily.

II. **Rotation Goals**

- Demonstrate knowledge and application of the pharmacotherapeutic options for the treatment of common chronic diseases of patients cared for by family physicians
- Develop a systematic approach to antibiotic treatment of common inpatient and outpatient infections
- Cultivate the skills necessary for life-long learning and apply best practices
- Recognize potential drug problems and optimize pharmacotherapy in patients admitted to the hospital as well as those cared for in the outpatient setting

III. **Rotation Design**

The Pharmacology student will observe and participate in care of patients in various settings.

IV. **Credits**

2 week course = 2 credit hours

3. Calhoun DA, Jones D, Textor S, et al. Resistant hypertension. Diagnosis, evaluation and treatment. Hypertension 2008; 51:1403-19.

VI. Course Grading/Requirements for Successful Completion of the Pharmacology Rotation

- a. Attendance according to VCOM and preceptor requirements
- b. Preceptor Evaluation at end-of-rotation

Grading policies, academic progress, and graduation requirements may be found in the at: <http://www.vcom.vt.edu/catalog/>.

VII. Clinical Performance Objectives

The end-of-rotation evaluation for this rotation will be completed by your preceptor and is based on clinical core competencies. These core competencies reflect student performance in 6 key areas: communication, problem solving, clinical skills, medical knowledge, osteopathic medicine and professional and ethical considerations.

Your end-of-rotation evaluation from your preceptor will include:

- e. Medical Knowledge – the student should demonstrate the following in regards to medical knowledge:
 - 1. Identify & correlate anatomy, pathology and pathophysiology related to most disease processes
 - 2. Demonstrate characteristics of a self-motivated learner including demonstrating interest and enthusiasm