OCULAR PHARMACOLOGY: OPT212
FALL 2014-2015

Meeting Days/Times | Mondays 1:00 – 3:00 p.m.
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<td>Wednesdays 1:00 – 3:00 p.m.</td>
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Location | HPB 301
Course Master | Dr. Tammy Than

Office Location | 513
Office Telephone | 934-2941
Email | tthan@uab.edu
Office Hours | By appointment

COURSE DESCRIPTION
This course considers the classification and pharmacologic actions of currently employed ophthalmic drugs. Emphasis is placed on the clinical utilization of these drugs including indications, contraindications, dosages, and side effects for the diagnosis and management of ocular disorders. Special emphasis is placed on medications used routinely for the delivery of primary eye care.

LEARNING OBJECTIVES
At the conclusion of this course, students should understand:
- The basic science of ocular pharmacology
- Clinical administration of ophthalmic drugs
- Appropriate utilization of ophthalmic diagnostic drugs
- Uses of medications to treat ocular disorders
- Adverse ocular effects of systemic drugs
- Contemporary aspects of nutritional pharmacology
- Legal aspects of drug utilization


INTERNET RESOURCES: Drugs@FDA; www.epocrates.com

COURSE GUIDELINES
1. Attendance is mandatory for all scheduled lectures.
2. Canvas (online course management system) will be utilized throughout the semester and it is expected that you are already skilled at using this program. Should you require help with this system, you should contact the Ask IT help desk at 996-5555 or email them at ask@uab.edu.
3. Images made available within Canvas are for your study and review only. They are not to be taken from any of the Powerpoint or PDF files and used without permission from the instructor. This is a copyright violation.

4. Electronic communication for this course will be through regular email (not through Canvas). It is expected that students will check their email on a daily basis while this course is in session.

5. The audience response system (ARS; clickers) will be utilized in class using i>clicker2 remotes. You must register your clicker for this class by logging into Canvas, selecting this course and then clicking on i>clicker. From the i>clicker menu, select i>clicker Registration. Enter your remote ID and click on REGISTER. Each student is expected to bring his/her clicker to every lecture. It is expected that students will use only the clickers assigned to them. Using another student’s clicker is considered an honor code violation. If you have lost or broken your i>clicker remote, you will have to purchase another one. Please email me with your new Remote ID so that I can manually register your new remote.

6. Academic honesty is expected of each student. It is expected that each student has read and agrees to abide by the school’s Code of Ethics (a copy may be found at http://portal.opt.uab.edu/students). Cheating will not be tolerated and will result in an automatic course failure. The incident will also be reported to the appropriate administrative personnel for consideration and the student may be dismissed from the entire program.

7. Personnel calculators may not be utilized during examinations. Standard calculators will be provided for the mid-term and final examination.

8. Cell phones are to be turned OFF (and kept out of sight) during lectures and examinations. Should there be an extenuating circumstance that requires access to your phone, it should be discussed in advance with the instructor.

9. Laptops and/or electronic tablets may be utilized in class for note taking purposes only. The use of a laptop, phone or any other electronic device should not be utilized in class for accessing the internet, communicating via texting, etc. Students caught doing so will be assessed a one-letter grade penalty at minimum.

10. The only exception to the electronics policies (listed in 8 and 9) will be for the two in-class assignments when resources may be utilized including computers, smart phones, etc.

11. Students must be on time for examinations and QUESTS. Any student arriving after a classmate has completed the examination (and has left the lecture hall) will not be permitted to take the exam/QUEST and will be given a zero.

12. It is important that students be given the opportunity to offer constructive feedback on content, delivery, organization, and other aspects of the teaching and learning environment for this course. The intent is to improve the course for those students who will follow. By responding to the
questions in the SET evaluation, students are actively participating in the governance of the School of Optometry and in the continuous improvement of its professional curriculum. The timely submission of evaluations by the due date is an important responsibility of each student.

13. Anyone receiving a failing grade in Ocular Pharmacology will be required to repeat the course during its next regularly scheduled offering.

**COURSE ASSIGNMENTS**

1. Reading assignments will be given for most lectures and will come from the course textbook. Reading assignments from the required text will be provided at the beginning of the semester. Additional reading assignments from journals or websites may be made and will be announced in class or via email.

2. There will be five take-home assignments to be completed throughout the semester. It is expected that these assignments will be completed individually unless directions are given permitting group work. Assignments should be delivered to Dr. Than’s mailbox on the first floor. Points will be deducted from any work turned in late.

3. There will be two in-class assignments that will evaluate your ability to locate information about therapeutic agents, dosing, side effects, etc.

4. There will be two small-group projects throughout the term. More information about these will be provided in a separate document.

**COURSE TESTING**

1. There will be an online multiple-choice quiz prior to each lecture (see attached schedule). The material for the quizzes will come from the reading assignment for that lecture and from the material covered in the previous lecture. There will be a total of 26 quizzes. To successfully complete this course with a passing grade, you must take a minimum of 23 quizzes. If you elect to take more than 23 quizzes, the top 23 scores will count towards your final course grade. Quizzes will be available in Canvas 48 hours prior to Monday classes (i.e. at 1:00 pm on Saturdays) and 44 hours prior to Wednesday classes (i.e. at 5:00 pm on Mondays). The quiz must be taken by 12:00 Noon on the day of the lecture. The first attempt will be scored and you will have 5 minutes to complete each 5-question quiz. Quizzes are to be completed on your own. These quizzes are “secured” and are not to be distributed, received, shared, or duplicated.

2. A quiz on the contents of this course syllabus and class schedule must be taken and a score of 100% achieved before you will have access to any
of the Canvas quizzes. This quiz will be available until 8/22/2014 at 5:00 PM. This quiz will NOT count towards your minimum quota of 23.

3. There will be 4 QUESTS throughout the semester that will cover all material presented since the previous QUEST.

4. There will be one two-hour midterm examination given during the 8th week of the term. The midterm will cover all material presented in the course during the first eight weeks.

5. Quests and Exams are secured and are not to be distributed, received, shared, or duplicated.

6. During the review of any quiz, quest or examination whether individually with the instructor or during a group session, no electronics (including cell phones) are to be utilized. Cell phones should be out of sight during these reviews. The presence of any electronics will be considered an attempt to copy exam questions and will be treated as an honor code violation which will result in course failure.

7. The final examination will be cumulative, testing on material presented during the entire semester.

8. The QUESTS, the midterm and the final examination may include images, true/false, matching, multiple choice, or short answer.

**STUDENTS WITH DISABILITIES**

The UAB Disability Support Services (DSS) exists for the purpose of ensuring that all UAB programs and services are accessible to all qualified students, including students with disabilities. Disability support services are located at 1701 9th Ave (http://main.uab.edu/Sites/students/services/disability-support). Other ways to contact them are: 934-4205 (voice), 934-4248 (TDD), or dss@uab.edu. Any student wishing to receive accommodations must schedule an appointment with DSS so that the disability can be documented and appropriate accommodations determined. If you are already registered with DSS, please make an appointment to meet with me as soon as possible to discuss accommodations that may be necessary.

**DISCLAIMER STATEMENT: COURSE MATERIALS AND LICENSING EXAMINATIONS**

(Modified Disclaimer Statement issued by ASCO March 2013)

This course is intended to prepare students in the knowledge, skills, and attributes needed of an entry-to-practice Doctor of Optometry. While this course should also help students prepare for licensing examinations such as those administered by the NBEO, nothing in this course, including the lectures and discussions, coursework, study guides, teaching notes, electronically posted information, or other materials, should be believed or understood to utilize actual confidential examination items from licensing examinations. For example, throughout this course, the instructor may indicate points of emphasis for NBEO study and
preparatory work. This instructional approach does not reflect knowledge of actual NBEO examination items, but represents a suggested area of focus based entirely upon the NBEO content outline/matrix. All materials in this course have been prepared in good faith to comply with the highest ethical standards of the profession.

**COURSE GRADE**

- Daily Quizzes 4%
- Assignments 7% (each worth 1%)
- E-Rx Proficiency Quiz 2%
- Group Project #1 1%
- Group Project #2 1%
- QUESTS 20% (each worth 5%)
- Midterm Exam 30%
- Final Exam 35%
- Class Participation (ARS) Up to 1% bonus

**GRADING SCALE**

- A \( \geq 90 \)
- B \( \geq 80 & < 90 \)
- C \( \geq 70 & < 80 \)
- F \( < 70 \)

The syllabus may be modified in the future. Should this occur students enrolled in the course will notified and the version posted in Canvas will be updated.

The attached course schedule is tentative and subject to change. Should this occur students enrolled in the course will notified and the version posted in Blackboard will be updated.

Last Updated 08.08.2014
GROUP PROJECT #1: WHAT’S GOOD ABOUT IT?

1. Groups should select drug and presentation date – sign up list will be posted Tuesday, August 19th at 7:30 AM on the door of Room 301. First come – first choice.

2. Learn all you can about your assigned topical ophthalmic drug including indications, benefits over other medications, side effects, contraindications, etc.

3. Prepare a brief commercial (no more than 90 seconds maximum) to deliver your message; the entire group should participate; it can be humorous provided the message is still delivered and that it is in good taste.

4. Video tape the commercial and get it to Dr. Than by 5:00 pm the day before (it will then be viewed during class with the group on hand to answer any questions). Should a file be too large to email it can be given to Dr. Than on a flash drive or sent via Drop Box or some other electronic file delivery service.

5. Score will be determined based on accuracy of information, comprehensiveness of information, effectiveness of message and creativity.

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<td>Monday</td>
<td>Lacrisert</td>
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