CHEMISTRY 401 SYLLABUS
CHEMICAL BIOLOGY SEMINAR

Spring 2012
W 2: 10 PM (Tom 206)

Instructor: Professor Mo Hunsen
Tomsich 310
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427-5091

Office Hours: T 10 AM – Noon, R 12-2 PM, or by drop-in/appointment.

Chemical biology: Chemical biology is a scientific discipline at the interface of chemistry and biology. This seminar explores the applications of chemical techniques to manipulate and investigate biological systems. Using resources including current literature, this course covers the chemical techniques used to understand and treat diseases such as cancer and viral, microbial, and neurodegenerative diseases. We will also meet on Tuesdays at 7:10 pm, as needed.

Materials: This course heavily utilizes current literature. The required reading materials will be provided by me.

Point Distribution: Oral and written reports 45%
Final Exam (May 2nd 2012) 30%
Class/Seminar participation 25%

Total 100%
**Rules for the Course:**

**Goals:** This course covers selected topics in chemical biology with an emphasis on current scientific research and literature. By the end of the semester you should be able to read and understand a large amount of the current published original research in chemical biology.

**Attendance:** Chemical biology lecture is a science that continually builds upon topics covered in class. Therefore, other than excused absences, class attendance is mandatory.

**Reports and Exams:** The short oral reports will be brief presentations of an assigned article. You will select additional articles (in consultation with me). Copies of the articles should be provided (to me and the rest of the students) a week before the presentations. The written review should be submitted one-week before the presentation. The final exam is scheduled on May 2\textsuperscript{nd} 2012. Depending on the questions, part or all of the exam questions could be assigned as a take-home exam.

**Academic Honesty:** You are expected to follow the college policy for academic honesty as outlined in the "Kenyon College Student Handbook 2011-2012". In a nutshell, all materials submitted for credit must be of your own work.

**Disabilities:** According to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, if you have a disability, and in order to participate fully in this course you have a need for some type of accommodation, please feel free to discuss your concerns with me in private and be sure to contact Ms. Erin Salva at PBX 5453 or via e-mail at salvae@kenyon.edu.