

Chemistry 3361  
FACS 3350

Discoveries in Chemistry, Textiles, and Nutritional Sciences  
May, 2015

**Instructors:** Rick C. White  
Janis H. White  
Valencia B. Keen  
David Thompson

**Course Locations** Germany (Rothenburg Würzburg, Köln, Heidelberg, Freiburg) and Paris

**Text:** Discoveries in Chemistry and Textiles by Rick C. White and Janis H. White (to be distributed to the students prior to departure)

This course is a two week course covering a) important Chemical discoveries which often led to Nobel Prizes, b) the people who made these discoveries, c) the historical era in which their work was accomplished, d) and d) how these discoveries impact our lives today.

**Grading** The grades in the course are based on the following:

- 1) Attendance at all discussions and museums outlined in the course.
- 2) Participation in the discussions
- 3) A 20 slide PowerPoint presentation is due at the end of the Summer I term. The presentation shall be based on some topic that piqued your interest during the course. The presentation shall not be a restatement of a lecture, but rather an *extension* of things based on a lecture, or a paper based on a topic you wish to explore that was not part of the course, but on a new aspect of science that you found as you went through the course. The 20 slide presentation shall include 20 slides (font size 24 pt or less). The reference section shall include no more than two Internet articles, and at least three from primary sources.
- 4) A Final Exam to be taken on the last day of the trip and will be a multiple choice quiz over the discussion material. Books with copies of the discussion slides will be made available to students prior to departure.

**Discussions** Discussions are held every morning and evening. Three lectures (one in Würzburg across from the Röntgen Museum and one in a Hörsaal (lecture hall) at Universität Würzburg and one by the Pantheon in Paris) will be outside the Hotel. The rest will be in the Hotel, one after breakfast, and one after the evening meal.

**Attire.** Proper attire must be worn at all times. We are visitors in a foreign country and must conduct ourselves as such. No political statements on shirts, short shorts, or insulting statements on shirts will be tolerated on this trip. Proper behavior is expected at

restaurants, museums, or a church is expected. This includes being loud in hotels, restaurants, etc.