课程代码（Coursenumber）  
Chemistry 1150 (105)  
  
课程对象（Audience）  
Primarily for Undergraduates  
  
开课教师（Teacher）  
Prof. Ruttledge  
  
学期（Semester）  
Fall  
  
课程描述（Description））  
This course is designed to introduce students to the chemistry that  
is all around them. The goal of the course is not to make you an expert in chemistry, but rather a person who can appreciate the chemistry that touches everybody. Many of you will enter careers in a field outside of the sciences or chemistry, but most of you will need to understand chemistry on some level in your career or your life. Whether you become a government leader and need to be able to evaluate competing claims about an issue that involves science or you simply do your civic duty and sit on a jury where some scientific evidence is introduced, you will need to understand chemistry and science on a basic level. You will be prescribed drugs in your life, you will eat food, and you will need to heat your home and you will need to travel in your life. All of these things depend upon chemistry and many of these things are at a crossroads as the world struggles with providing energy, food, and clean water to a growing population. And in all of this, there are some people who will seek to use chemistry not for good, but for evil. Chemistry has this dichotomy within it: it can be used for good or for evil. And one way or the other,  
chemistry will touch your life everyday. We will seek to understand how chemistry does indeed touch our lives everyday, both in good ways and bad ways.  
  
课程提纲（Syllabus）  
The material covered (including exam coverage) is approximate. The dates for  
the exams are NOT, meaning the coverage of material by any exam will be adjusted  
based on what is covered in class but you can depend on the exam dates!  
DATE MATERIAL COVERED  
Aug 28 Syllabus  
Aug 31 The Atom  
Sep 2 The Atom  
Sep 4 The Atom  
Sep 7 Elements  
Sep 9 Elements  
Sep 11 Elements  
Sep 14 Nuclear Power and Weapons  
Sep 16 Nuclear Power and Weapons  
Sep 18 Nuclear Power and Weapons  
Sep 21 Warfare Agents  
Sep 23 Warfare Agents  
Sep 25 Exam 1  
Sep 28 Warfare Agents  
Sep 30 Warfare Agents  
Oct 2 Pesticides/Insecticides/Fertilizers  
Oct 5 Pesticides/Insecticides/Fertilizers  
Oct 7 Pesticides/Insecticides/Fertilizers  
Oct 9 Pesticides/Insecticides/Fertilizers  
Oct 12 FALL BREAK!!!! NO CLASS!!!!!  
Oct 14 Polymers  
Oct 16 Polymers  
Oct 19 Polymers  
Oct 21 Polymers  
Oct 23 Drugs  
Oct 26 Drugs  
Oct 28 Drugs  
Oct 30 Exam 2  
Nov 2 Drugs  
Nov 4 Pharmaceuticals  
Nov 6 Pharmaceuticals  
Nov 9 Pharmaceuticals  
Nov 11 Pharmaceuticals  
Nov 13 Pharmaceuticals  
Nov 16 Crime Detection  
Nov 18 Crime Detection  
Nov 20 Crime Detection  
Nov 23 Exam 3  
Nov 25 THANKSGIVING BREAK!!!!!! NO CLASS!!!!!  
Nov 27 THANKSGIVING BREAK!!!!!! NO CLASS!!!!!  
Nov 30 Alternative Energy  
Dec 2 Alternative Energy  
Dec 4 Alternative Energy  
Dec 17 Final Exam Thursday 2:00 - 4:30 pm Room TBA  
  
课时信息（Totalhours）  
  
教参信息（Textbookinfo）  
1 Chemistry: Concepts and Problems: A Self-Teaching Guide (Wiley Self-Teaching Guides) by Clifford C. Houk and Richard Post (Paperback - Feb 1996)   
ISBN-13: 978-0471121206   
2. Chemistry by Steven S. Zumdahl and Susan A. Zumdahl (Hardcover - Dec 3, 2008)   
ISBN-13: 978-0547125329  
世界各地拥有馆藏的图书馆（OCLC）:55  
3.Chemistry for Dummies by John T. Moore (Paperback - Nov 2002)   
ISBN-13: 978-0764554308  
世界各地拥有馆藏的图书馆（OCLC）:1240  
4.Homework Helpers: Chemistry by Greg Curran (Paperback - Mar 2004) ISBN-13: 978-1564147219   
世界各地拥有馆藏的图书馆（OCLC）:19  
5.Chemistry: The Central Science (11th Edition) by Theodore E. Brown, H. Eugene LeMay, Bruce E. Bursten, and Catherine Murphy (Hardcover - Jan 8, 2008)   
ISBN-13: 978-0136006176   
世界各地拥有馆藏的图书馆（OCLC）:164  
6.The Cartoon Guide to Chemistry (Cartoon Guide To...) by Larry Gonick and Craig Criddle (Paperback - May 3, 2005)  
ISBN-13: 978-0060936778   
世界各地拥有馆藏的图书馆（OCLC）:1143  
7.General Chemistry by Linus Pauling (Paperback - Apr 1, 1988)   
ISBN-13: 978-0486656229   
8.The Complete Idiot's Guide to Chemistry, 2nd Edition by Ian Guch (Paperback - Jun 27, 2006)   
ISBN-13: 978-1592575145   
世界各地拥有馆藏的图书馆（OCLC）:526  
9.Chemistry: An Introduction to General, Organic, & Biological Chemistry (10th Edition) by Karen Timberlake (Hardcover - Feb 18, 2008)   
ISBN-13: 978-0136019701   
世界各地拥有馆藏的图书馆（OCLC）:113  
10.Chemistry by Steven S. Zumdahl and Susan A. Zumdahl (Hardcover - Jan 9, 2006)   
ISBN-13: 978-0618528448   
世界各地拥有馆藏的图书馆（OCLC）:65