Chemistry 1130  
Orientation  
Fall 2012

Course schedule:  R, 2:00 pm, ChemSci 101
Facilitator:  D. J. Chesney, office 19  404C; phone 7-2032; email djchesne@mtu.edu
Office hours:  By arrangement (email works well). My schedule is more flexible than yours.

Course Description:  Discussion of career opportunities in chemistry; introduction to the ChemSci computer network. Required for all entering chemistry majors.
Course Grading:  Pass/Fail based on attendance. There are no exams or written assignments.

Course Schedule:  It’s a plan, not a contract.

Thurs   Topic

Sept 6  Intro to chemistry; Q&A
Sept 13 Why Chemistry Matters (from Nobelprize.org)
Sept 20 TED Talk: Making matter come alive
Sept 27 TED Talk: Using nature to grow batteries
Oct 4   TED Talk: How spectroscopy could reveal alien life
Oct 11  TED Talk: A lab the size of a postage stamp/Bio-lab on a chip
Oct 18  TED Talk: The missing link to renewable energy
Oct 25  Career opportunities in chemistry
Professional Ethics:
   The Juggled Job Offer I and II
Nov 1   Professional Ethics:
   The Dangerous Doc
   The Subsidized Synthesis
   Disposal of toxic waste
Nov 8   Professional Ethics and Chemical Safety
   Sheri Sanji
   The Aberdeen Three
   BP Texas City
Nov 15  TED Talk: The toxic baby/Cold, clear, and deadly
Nov 19-25 Thanksgiving Break
Nov 29  Informational resources; Library Rm 242
Dec 6   Computer resources in the Chemistry dept
Dec 13  TED Talk: Battling bad science/Advice to young scientists
Class Schedule And Absence Policy

This course is graded on a Pass/Fail basis. Since there are no scheduled exams, there is no need for a formal absence policy.

University Policies

Academic regulations and procedures are governed by University policy. Academic dishonesty cases will be handled in accordance the University's policies.

If you have a disability that could affect your performance in this class or that requires an accommodation under the Americans with Disabilities Act, please see me as soon as possible so that we can make appropriate arrangements. The Affirmative Action Office has asked that you be made aware of the following:

*Michigan Tech complies with all federal and state laws and regulations regarding discrimination, including the Americans with Disabilities Act of 1990. If you have a disability and need a reasonable accommodation for equal access to education or services at Michigan Tech, please call the Dean of Students Office, at 487-2212. For other concerns about discrimination, you may contact your advisor, department head or the Affirmative Action Office, at 487-3310*

**Academic Integrity:**  
http://www.studentaffairs.mtu.edu/dean/judicial/policies/academic_integrity.html

**Affirmative Action:**  http://www.admin.mtu.edu/aaos/

**Disability Services:**  http://www.admin.mtu.edu/dos/disability.htm

**Equal Opportunity Statement:**  