CHE 523 - Chemical Thermodynamics - Spring 2013  
CHE 353 - Chemical Thermodynamics - Spring 2013  
Syllabus

**CHE-523 - Chemical Thermodynamics:** (3 credits). A rigorous development of the fundamentals of thermodynamics and its application to a number of systems of interest to chemists, such as electrochemical cells, gases, and homogeneous and heterogeneous equilibria. An introduction to statistical thermodynamics is also included.

**CHE-353 - Chemical Thermodynamics:** (3 credits). Same content as CHE-523 above.  
*Prerequisites:* CHE-302; CHE-321.

**Classes:** Mondays and Wednesdays, Chemistry 124, 5:30 - 6:50 PM.

**Instructor:** Jin Wang  
**Office Hours:** Mon. and Wed., Grad. Chem. Bldg., Room 433, 6:50 - 7:30 PM.

**Exams:**  
Mid Term: Monday, April 1st, 5:30 PM - 6:50 PM, Chemistry 124  
Final: Wednesday, May 15th, 5:15 PM - 7:45 PM, room to be assigned.  
*All exams are close book and close notes.*

**Quizzes/Problems/Reports/Presentations:**  
Any of these items may be assigned at any time in the semester.

**Bibliography:**  
*Molecular Driving Forces*, 2nd Edition,  
Statistical Thermodynamics in Biology, Chemistry, Physics, and Nanoscience  
Ken A. Dill and Sarina Bromberg  

**Course software:** Mathematica 7.

**Course Information:** https://blackboard.stonybrook.edu  
**Email:** jin.wang.1@stonybrook.edu
Disability Support Services (DSS):

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services at (631) 632-6748 or http://studentaffairs.stonybrook.edu/dss/. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website:

http://www.sunysb.edu/ehs/fire/disabilities.shtml

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