

Mentoring Course
COMPUTERS IN CHEMISTRY AND BIOCHEMISTRY
Fall Quarter, 2001

Class Time : Friday 12:00 pm to 1:00 pm

Location: Olin 103

Instructors

Dr. B. Murugaverl (VERL), Olin 103, 303 871 2941, bmurugav@du.edu

The aim of this course is to familiarize the incoming chemistry majors ^{with} to the various computer programs and tools that are part of the undergraduate chemistry curriculum.

Date	Topic	Guest speaker	Assignments
Sept. 14	Introduction , E-mail	Dr. Murugaverl Dr. York	Send e-mail to Murugaverl and York with address and phone number
Sept. 21	Introduction to ChemDraw (drawing tool)	Dr. Hornback	
Sept. 28	Library search	Dr. Murugaverl	Do a literature search on natural antioxidants and hand in a printout of the report.
Oct. 5	Small Molecules: Introduction to Spartan (<i>molecular modeling tool</i>)	Dr. Gilbert	
Oct. 12	Chemistry on the web and Introduction to Powerpoint (presentation tool).	Dr. Kutateladze	Get a MSDS sheet for a specific chemical from a chemical company web site
Oct. 19	Introduction to MathCad (<i>computational tool</i>)	Dr. Eaton	
Oct. 26	Introduction to Excel	Dr. Stedman	
Nov. 2	Advising		
Nov. 9	Biomacromolecules: Brookhaven Data Bank (<i>molecular modeling tool for large molecules</i>) Rasmol	Dr. Bowler	
Nov. 16	Conclusion		