

WAUBONSEE COMMUNITY COLLEGE

TEMPORARY OPENING FOR ORGANIC CHEMISTRY INSTRUCTOR

Waubonsee Community College is looking for a substitute instructor for two sections of **CHM 231 Organic Chemistry I** (5 sem hrs, 3 lec/6 lab). This course is a study of the fundamental aspects of organic chemistry such as structure, classification of organic reactions, and reactions of functional groups. This is the first semester of a two semester sequence. The ideal candidate will have completed a master's program in organic chemistry or bio-chemistry.

Location:

Courses are taught in the Science Building located on the Sugar Grove campus of Waubonsee Community College. The campus is located on Rt. 47 one mile south of the I-88 exit.

Meeting Times:

232.001 Lecture – Tuesdays and Thursdays from 9:30am – 10:45am

 Lab – Mondays and Wednesdays from 9:30am – 12:20pm

232.600 Lecture – Mondays and Wednesdays from 5:00pm to 6:15pm

 Lab – Mondays and Wednesdays from 6:30pm to 9:20pm

Lecture text: Carey, *Organic Chemistry*, 7th ed., McGraw-Hill

Lab text: Williamson, *Macroscale and Microscale Organic Experiments*, 5th ed., Houghton-Mifflin

Equipment: Most lab experiments are done in microscale using the lab text listed above. Gas chromatography is used when appropriate. We have a Varian 3900 system. Students will often obtain an infrared spectrum on products. We have a Bruker Tensor 27 with an ATR attachment for solid samples. We also have a new Perkin Elmer Lambda 35 UV/Vis spectrometer that we have not yet incorporated into the curriculum, but could be used when appropriate.

Interested candidates should contact:

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