

PUBLIC COURSES

Training Philosophy:

We are passionate about making infrared spectroscopy understandable to all who are interested. Our training courses are practical, real world, and applications-oriented. Spectros Associates' trainers excel at making difficult technical concepts easy to understand. You will learn relevant knowledge that you can immediately use to make your analyses faster, better, and cheaper. All of our courses are informal. You will never feel out of place, or be left behind, in Spectros Associates short course. You will receive personal attention at each course, and our instructors are always available outside of class for questions and consultations. We will take the mystery out of FTIR for you, and show you the power of infrared enlightenment.

Spectros Associates offers a series of five FTIR courses in cities around the USA each year. These courses are held in meeting rooms at hotels, and are open to the general public. At a public FTIR course, you will meet and interact with other FTIR users with whom you can compare notes. Your instructor, Dr. Brian C. Smith, will de-mystify infrared spectroscopy for you in a relaxed atmosphere. Dr. Smith is also available outside of class for questions and consultations, and students are encouraged to bring their own samples and spectra for his analysis.

The price of public courses is on a per head basis, and also depends upon the number of days of training attended. See below for a schedule of this year's public FTIR training courses.

Spectros offers the following public courses:

Fundamentals of FTIR: Learn how your FTIR works, insure your instrument is producing the best spectra, and to tackle the thorny problem of mixture analysis.

Hands-on Infrared Sample Preparation: Half the battle of obtaining a good spectrum is proper sample preparation. Learn to win that battle with our hands-on Infrared Sample Preparation course.

Infrared Spectral Interpretation I: Learn how molecules absorb infrared light, and how to use spectra to perform identities, determine unknowns, and analyze mixtures with our Infrared Spectral Interpretation I training course. The spectra of economically important molecules are emphasized, and students practice interpreting many spectra in class with the help of the instructor.

Infrared Spectral Interpretation II: A more detailed look at infrared interpretation. Learn what all the features in a spectrum mean, and use this to interpret the spectra of economically important molecules with complex spectra. Features a special discussion of polymer spectra. Students practice interpreting many spectra in class with the help of the instructor.

Infrared Spectral Interpretation III: Round out your interpretive skills with this course. Discover how to use library searching and spectral subtraction to pull apart complex spectra so they make sense. Includes a special discussion of inorganic spectra. Students practice interpreting many spectra in class with the help of the instructor.