

UConn

INSTITUTE OF
MATERIALS SCIENCE
INDUSTRIAL AFFILIATES PROGRAM

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1965 - 2025



Applied Spectroscopy: A Practical Guide for Industry



Dr. Capri Price, Manager
IMS Spectroscopy Lab

Join us on Friday, December 12, 2025, for a two-hour virtual classroom session designed to bridge spectroscopy fundamentals with real-world industrial applications.

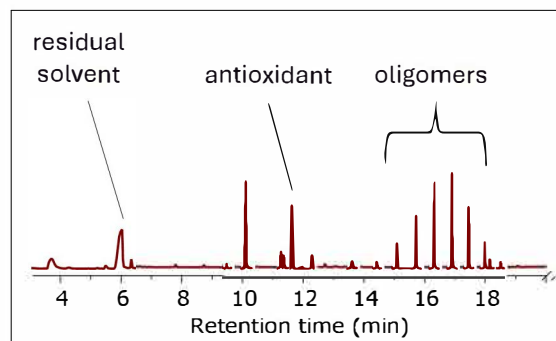
Developed by Dr. Capri Price, who has extensive experience partnering with industry to solve complex challenges, this course provides both newcomers and seasoned professionals with practical insights into spectroscopy and related analytical tools.

What You Will Learn

- Fundamental, scientific principles behind **vibrational spectroscopy** (FTIR, Raman), **chromatography/mass spectroscopy** (GC-MS, LC-MS) and **elemental analysis** (ICP-MS, FAAS, GFAAS).
- Best practices & watchouts for **sample preparation**
- How to evaluate **method strengths and limitations**
- Industry-focused **case studies and applications**

Why Attend?

- Gain the knowledge and strategies to:
- Streamline quality investigations
- Accelerate new material development
- Confidently compare suppliers and materials
- Apply the right techniques to the right problems



Example of GCMS data to be discussed

Bring your questions, challenges, and curiosity—this course is built to connect the science of spectroscopy with the needs of industry.

REGISTER TODAY