

2016 EAS Short Course Schedule

Pricing for 2016 Short Courses is \$375 half-day, \$575 one-day, and \$850 two-day **before Oct. 15th** and \$525 half-day, \$775 one-day and \$1,175 two-day **after Oct. 15th**; in addition to the Full Conferee registration fee.

Courses are subject to changes/cancellations.

For complete descriptions of all EAS Short Courses, **click on the course name to link to the description.**

Two-Day Courses

Code	~ 2-Day Courses ~ Sunday, Nov. 13 – Monday, Nov. 14 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-01	Practical Gas Chromatography	Dr. Eugene F. Barry, University of Mass-Lowell Dr. Thomas Brettell, Cedar Crest College
E16-02	Troubleshooting Chromatographic Systems	Dr. Merlin K.L. Bicking, ACCTA, Inc. Dr. Douglas E. Raynie, South Dakota State University
E16-03	Chemometrics without Equations Part 1 & Part 2	Dr. Donald Dahlberg, Lebanon Valley College Dr. Neal Gallagher, Eigenvector Research
E16-06	Quality-by-Design Fundamentals for Analytical Chemists: A New Paradigm for the Analytical Laboratory Part 1 & Part 2	Dr. Zenaida Otero Gephardt, Rowan University

Code	~ 2-Day Courses ~ Monday, Nov. 14 – Tuesday, Nov. 15 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-16	LC/MS: Theory, Instruments, and Applications	Dr. Guodong Chen, Bristol-Myers Squibb Dr. Ragu Ramanathan, Pfizer Dr. Joseph Tweed, Pfizer
E16-18	Advanced HPLC/UHPLC Part 1 & Part 2: Fundamentals and Pharmaceutical Applications	Dr. Michael W. Dong, MWD Consulting

Code	~ 2-Day Courses ~ Tuesday, Nov. 15 – Wednesday, Nov. 16 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-23	How to Develop Validated HPLC Methods: Rational Design with Practical Statistics and Troubleshooting	Dr. Brian A. Bidlingmeyer Dr. Stanley N. Deming, Statistical Designs

Half-Day Courses

Code	~ Half-Day Courses ~ Wednesday, November 16 8:30am - 12:30pm (Holiday Inn)	Instructor(s)
E16-32	HPLC/UHPLC Method Development Made Easy	Dr. Michael W. Dong, MWD Consulting
E16-36	Introduction to Gas Chromatography / Infrared Spectroscopy	Mr. John Schneider, Argonne National Laboratory

Code	~ Half-Day Courses ~ Wednesday, November 16 1:00- 5:00pm (Holiday Inn)	Instructor(s)
E16-33	Fundamentals and Practical Applications of Laser-Induced Breakdown Spectroscopy	Dr. Lydia Breckenridge, Bristol-Myers Squibb

All short courses take place in the **Holiday Inn Somerset** which is located across the street from the Garden State Exhibit Center. EAS provides free shuttle bus service to/from the GSEC, Holiday Inn & Double Tree.

2016 EAS Short Course Schedule

For complete descriptions of all EAS Short Courses, **click on the course name to link to the description.**

One-Day Courses

Code	~ One-Day Courses ~ Sunday, November 13 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-04	Introduction to Chemometrics Without Equations	Dr. Donald Dahlberg, Lebanon Valley College Dr. Neal Gallagher, Eigenvector Research
E16-07	Quality-by-Design Fundamentals for Analytical Chemists: A New Paradigm for the Analytical Laboratory Part 1	Dr. Zenaida Otero Gephardt, Rowan University
E16-09	Impurities In Pharmaceuticals – A Survey Course	Dr. Bernard Olsen, Olsen Pharmaceutical Consulting
E16-10	The Chemistry of Drug Degradation	Dr. Gregory Sluggett, Pfizer Dr. Todd Zelesky, Pfizer
E16-11	Analysis of Proteins and Peptides in Biological Matrices by LC-MS/MS	Dr. Yan Zhang, Bristol-Myers Squibb Dr. Jun Qu, SUNY-Buffalo Dr. Hao Jiang, Bristol-Myers Squibb
E16-12	Two-Dimensional Liquid Chromatography for Pharmaceutical Analysis	Dr. Dwight Stoll, Gustavus Adolphus College Dr. Kelly Zhang, Genentech
E16-13	Polymers: An Introduction and Characterization Techniques	Dr. Diep Nguyen, Illinois Institute of Technology

Code	~ One-Day Courses ~ Monday, November 14 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-05	Intermediate Chemometrics Without Equations	Dr. Donald Dahlberg, Lebanon Valley College Dr. Neil Gallagher, Eigenvector Research
E16-08	Quality-by-Design Fundamentals for Analytical Chemists: A New Paradigm for the Analytical Laboratory Part 2	Dr. Zenaida Otero Gephardt, Rowan University
E16-14	LC-MS Method Development for Small Molecule Pharmaceuticals	Dr. Perry Wang, LC-MS Technical Expert
E16-15	Science, Risk and Statistics in Cleaning Validation	Mr. Andrew Walsh, Center for Pharmaceutical Cleaning Validation
E16-17	Analytical Forensic Metrology	Dr. Jerry Messman, Stranaska Scientific
E16-19	Advanced HPLC/UHPLC Part 1: Fundamentals	Dr. Michael W. Dong, MWD Consulting

Code	~ One-Day Courses ~ Tuesday, November 15 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-20	Advanced HPLC/UHPLC Part 2: Pharmaceutical Applications	Dr. Michael W. Dong, MWD Consulting
E16-21	Introduction to GLP Regulations and Bioanalytical Method Validation by LC-MS/MS	Dr. Perry Wang, LC-MS Technical Expert
E16-22	Keeping Your Analytical Procedures in Compliance with the FDA: Validation, Documentation, and Investigation	Ms. Kim Huynh-Ba, Pharmalytik
E16-24	Getting the most from GC and GC/MS	Dr. Gregory Slack, Clarkson University Dr. Nicholas Snow, Seton Hall University
E16-25	Introduction to Vibrational Spectroscopy for Real Time Analysis	Dr. John Wasylyk, Bristol-Myers Squibb Dr. Peter Larkin
E16-26	Sample Preparation: The Chemistry Behind the Techniques	Dr. Douglas E. Raynie, South Dakota State University Dr. Merlin K.L. Bicking, ACCTA, Inc.
E16-27	Conducting Effective Investigations of Out of Specification and Atypical Laboratory Results: Using Root Cause Analysis and CAPA to Close Them Quickly and Keep Them from Coming Back	Mr. Gregory Martin, Complectors Consulting

2016 EAS Short Course Schedule

For complete descriptions of all EAS Short Courses, **click on the course name to link to the description.**

One-Day Courses *continued*

Code	~ One-Day Courses ~ Wednesday, November 16 8:30am - 5:00pm (Holiday Inn)	Instructor(s)
E16-28	CounterCurrent Chromatography	Dr. Gary Yanik, PDR-Separations Dr. Dave Thorton, GlaxoSmithKline Dr. Guy Harris, Dynamic Extractions
E16-29	Interpretation of Mass Spectra with Practical Solutions to Problems	Dr. Mike Lee, Milestone Development
E16-30	Practical Guide to Reversed-Phase HPLC	Dr. Merlin K. L. Bicking, ACCTA, Inc. Dr. Richard A. Henry, Consultant
E16-31	Lifecycle Approach to Analytical Methods: Incorporating QbD Concepts into Method Development, Validation, Verification and Transfer	Mr. Gregory Martin, Complectors Consulting
E16-34	Practical Introduction to Titration Method Development	Mr. Frederick Fiddler, Metrohm USA
E16-35	Hands-on FT-IR Microspectroscopy	Dr. David W. Schiering, Czitek Dr. John Reffner, John Jay College

All short courses take place in the **Holiday Inn Somerset** which is located across the street from the Garden State Exhibit Center. EAS provides free shuttle bus service between the GSEC, Holiday Inn & Double Tree.

Registration is open from July 15 – November 16, 2016

