

**The Pennsylvania Society of Professional Engineers  
Philadelphia Chapter  
Pizza, Course, Presentation and Networking**

**Thursday, March 5, 2020**

**Registration & Pizza and Wings: 5:30 PM to 6:00 PM**

**Course #1: 6:00 PM to 7:00 PM**

**FRACKING (Hydraulic Fracturing)**

**Presented by**

**Craig R. Calabria, Ph.D., P.E.**

Visiting Professor – University of Salford  
Consulting Engineer

The course will have reviewed geotechnical concepts and concepts associated with Fracking system.

**Course #2: 7:00 PM to 8:00 PM**

**ASTM WALKWAY SURFACE SAFETY STANDARDS**

**Presented by**

**David Fleisher, PE**

Fleisher Forensics

The course provides an overview and describes the application of ASTM Standards that are applicable to the design, construction and maintenance of safe walkway surfaces such as floors, stairways, streets, parking lots and pavements.

The Pennsylvania Society of Professional Engineers, through PIE, will evaluate and approve these “courses” as meeting the continuing education license requirements for 1.0 Professional Development Hour in New York State. PSPE believes the “courses” will be accepted for credit in PA, NJ and other National Model states where courses do not require pre-approval.

**Pennoni Associates**

**1900 Market St**

**Suite 300**

**Philadelphia, PA 19103**

**Price using Paypal - \$15.00**

**FOR RESERVATIONS GO TO:**

**<http://www.pspe-philly.org>**