EXCEL FUNDAMENTALS & DATA ANALYTICS

DUQUESNE UNIVERSITY
Palumbo-Donahue
School of Business

Friday, September 20 | 8 a.m. - 5 p.m. | Duquesne University Rockwell Hall

Explore Excel tools and functions for supply chain analysis. The skills learned in this course can be applied to developing purchasing scorecards and metrics. Topics include:

- Logical, lookup, and date/time functions
- Troubleshooting formulas using precedence/dependence
- Applying filters and conditional formatting
- Performing What-If Analysis using Goal Seek, Data Tables, and Scenario Manager
- Basic charts: histograms, line plots, scatterplots, and (clustered) column
- Advanced charts: dual-axis/combo, funnel, waterfall, and maps
- Summarizing and combining data using PivotTables and displaying results with PivotCharts
- Selecting decision alternatives based on different criteria
- Monte Carlo Simulation for modeling risk and uncertainty

Continuing Education Hours (CEH): 8

Attendees are required to bring a laptop with Excel.

INSTRUCTOR: DR. MATTHEW DRAKE

Dr. Matthew Drake is an Associate Professor of Supply Chain Management and the PwC Alumni Faculty Fellow in Supply Chain Management at the Palumbo-Donahue School of Business. He teaches quantitative courses at the graduate and undergraduate levels, including Forecasting, Production Planning, Inventory Management, and Global Transportation and Logistics. Dr. Drake also teaches classes for the Business Analytics Co-Major and the M.S. in Analytics and Information Management program. Dr. Drake is an alum of the School and graduated in 2002 with a concentration in Supply Chain Management and Logistics.

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In collaboration with the Institute for Supply Management (ISM) Pittsburgh, an 10% discount is available to ISM members, Duquesne Alumni, and companies sending 5 or more people.

Cost: $695

Register: pittsburgh.ismworld.org

Note: minimum of 5 registrants required or the course may be cancelled.