

Collin College - Continuing Education COURSE SYLLABUS

COURSE INFORMATION

Course Number: BAPP 6175

Course Title: Excel PowerPivot

Course Description: Enabling and using the Microsoft Excel PowerPivot add-in to turn large quantities of data into meaningful information and on-the-job results.

Suggested Course Prerequisite(s): Microsoft Excel III, or equivalent experience.

Course Resources:

Power Pivot and Power BI: The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016 2nd Edition
Holy Macro! Books, 978-1615470396

Student Learning Outcomes:

Extend data-analysis skills to create Business Intelligence solutions

Manipulate large data sets

Perform what-if analysis

Create reporting systems with data modeling and Data Analysis Expressions

Understand the differences between PowerPivot for Self Service BI and SQL

Server Analysis Services for Corporate BI

Certification Notes: N/A

Next course recommendation: N/A

Refund Policy: Please refer to www.collin.edu/ce/inforegistrar.html for our refund policy. No refunds after the start time of the first class.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

Course Sessions: Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Lesson Plan – by week or session:

- 1: Introduction to PowerPivot
The Unique Features of PowerPivot
- 2: Introducing DAX
Understanding Data Models
- 3: Publishing to SharePoint

Loading Data

- 4: More on Loading Data
Understanding Evaluation Contexts
- 5: Understanding CALCULATE
Using Hierarchies
- 6: Using PowerView Shaping the Reports

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.