

# Excel Illuminated

## *Dynamic Arrays*

### Course Description

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Since its inception, Excel's recalculation engine has never been revamped. Excel expert David Ringstrom, CPA, introduces webcast participants to an entirely new class of worksheet functions known as dynamic arrays. Available only to Microsoft 365 subscribers, dynamic arrays recalculate traditional formulas faster. They also eliminate the need to use menu commands to sort, filter, and/or remove duplicates from a list of data. You can create formulas that resize themselves automatically, including an amortization table that expands into additional rows when a loan term increases or contracts when a loan term is shortened.

David demonstrates every technique at least twice: first, on a PowerPoint slide with numbered steps, and second, in the subscription-based Microsoft 365 version of Excel. David draws your attention to any differences in the older versions of Excel (2019, 2016, 2013, and earlier) during the presentation as well as in his detailed handouts. David also provides an Excel workbook that includes most of the examples he uses during the webcast.

**Completion Deadline & Exam:** This course, including the examination, must be completed within one year of the date of purchase. In addition, unless otherwise indicated, no correct or incorrect feedback for any exam question will be provided.

**Course Level:** Intermediate

**CPE Credits:** 2 (CPA)

**Category:** Computer Software and Applications

**Prerequisite:** Microsoft 365 subscription

**Advanced Preparation:** None

### Course Learning Objectives

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After studying this course, you will be able to:

1. Recognize a dynamic array function from a list of worksheet functions.
2. Identify the function that returns the principal portion of a single loan payment based on a constant interest rate and constant payments.
3. Recognize the character that represents the Spilled Range Operator.