Excel 202 – Formulas and Functions 6-hour course

Review:
- What is a function and how do I use it?
- How is a formula different from a function?
- What is a named range?
- How can a named range help me with functions and formulas?
- Where can I use functions and formulas?

Text functions:
- LOWER, UPPER, PROPER, EXACT
- LEFT, MID, RIGHT, LEN, TRIM, REPT
- FIND, SEARCH
- TEXT, TEXTBEFORE, TEXTAFTER, TEXTJOIN, TEXTSPLIT

Financial functions:
- PMT, FV, PV, Rate,

Logical functions:
- IF, AND, OR, XOR, NOT, IFS
- IFERROR, IFERR, IFNA
- SWITCH

Statistical functions:
- SUM, SUMIF, SUMIFS
- AVERAGE, AVERAGEIF, AVERAGEIFS
- COUNT, COUNTA, COUNTBLANK COUNTIF, COUNTIFS
- MAX, MIN, LARGE, SMALL

Date functions:
- DATE, DATEVALUE, TODAY
- DATEDIF, NETWORKDAYS,
- TIME, TIMEVALUE, SECOND, MINUTE, HOUR, NOW
- EDATE, EOMONTH, DAY, WORKDAY, WEEKDAY, WEEKNUM

Lookup and Reference functions:
- VLOOKUP, HLOOKUP, XLOOKUP, LOOKUP
- INDEX, MATCH
- INDIRECT
- FIELDVALUE

Auditing formulas
- How Do I toggle between showing formulas and their values?
- How Do I evaluate how a formula is calculated?
- Understanding formulas with Trace Precedents and Trace Dependants
- How Do I find errors?
- How Do I document formulas with the FORMULATEXT function?

Working with mega-formulas
- What is a mega-formula?
- What is the Let function?
- How do I create mega-formula?
- How do Notepad and other programs help me work with mega-formulas?
- How can AI help me decipher a mega-formula?