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| **SEISMIC MODULE – EXCEL-BASED EXERCISE ASSESSMENT CRITERIA**  |
| **POINTS** | **9 - 10** | **8 - 9** | **7 - 8** | **6 - 7** | **< 6** |
| **Quantitative****(60% weight)****\_\_\_\_/10** | Mathematic calculations accurately use correct equations, data, and achieve quantitatively correct answersExcel formulas are correctly implemented, in the proscribed locations on the worksheets, using optimal format | Mathematic calculations accurately use correct equations, data, and contain few mathematical errorsExcel formulas are correctly implemented with few errors, in the proscribed locations on the worksheets, using any format | Mathematic calculations accurately use correct equations, data, and contain substantial mathematical errorsExcel formulas are correctly implemented with some errors using any format | Mathematical calculations have substantial flawsSubstantial misconceptions related to Excel formulas are present | Mathematical calculations are not attempted.Excel calculations are not attempted |
| **Problem Solving****(40% weight)****\_\_\_\_/10** | All components of the assignment are attempted and produced excellent answers and/or analysisIf applicable, requested graphics are presented in clear, simple style that is straightforward to interpret with all necessary labels | All components of the assignment are attempted and produced reasonable answers and/or analysisIf applicable, requested graphics are presented with all necessary labels | Most components of the assignment are attempted and produced reasonable answers and/or analysisIf applicable, requested graphics are presented; labels may be missing and style may be rudimentary | Some components of the assignment are attempted and produced acceptable answers and/or analysisSome requested or suggested graphics are absent | Most components of the assignment are not attempted or answers are off topicGraphics or plots were not attempted |