Lab – Vectors (scoring rubric)

Title: (+1)

Objective: (+1)

Materials: (+1)

Apparatus: (+1)

Procedure:
- Measuring Spring constant   (+1)
- Vector analysis   (+1)

Data:
- Table 1 - Spring Data   (+4)
- Table2 - Vector Data   (+2)
- Table 3 - Results   (+2)
- within 10%   (+1)
- tool uncertainty   (+1)

Analysis:
- Spring Constant Graph   (+3) [graph, slope, labels, title]
- Component Method Analysis (+4)
- Scale Method Analysis   (+4)
- Questions   (+5)
- Calculations   (+3) [f=kx, % error, m → W]

Error Analysis: (+2)
- mention % error
- friction in scales
- precision of tools, esp. protractor
- improvements

Conclusions: (+3)
- task, results, generalize…

TOTAL   40

Error Propagation: +2