

Grading Worksheet for EAS 361 Lab

Student: _____

Lab # _____

Total	Max
0	34

Figures and Tables (Graphs are a type of Figure)

- 1 Plots are clear and legible
- 1 Graph axes and column headings in Tables have labels and units.
- 1 All Tables and Figures have captions
- 1 Contents of all Figures and Tables are discussed in text of the report.

Your Score	Max Score
	4

Text of the report is well written

- 1 Proper grammar and professional writing style are used
- 1 Prose is clear. Prose is free of spelling errors and slang.
- 1 References in bibliography are complete.
- 1 Content is organized into sections as described in the lab manual.
- 1 Pages are numbered and have adequate margins.

	5
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Equations are properly used and documented

- 2 Equations are correct.
- 1 Units of all dimensional quantities are given.
- 1 All mathematical symbols are defined in words.
- 1 Display equations are properly formatted (note 1).

	5
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Experiment equipment and procedure are properly documented

- 1 Key components and function of the apparatus are described.
- 1 Where applicable, serial numbers and model numbers of devices are given.
- 2 Procedure is described (note 2).
- 2 Procedure and equations for converting primary data are described.

	6
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Primary data and reduced results are presented

- 1 Primary data is neatly formatted in tables in the appendix (note 3).
- 1 Sample calculations are provided in the appendix. (note 4).
- 2 Reduced data is summarized in tabular or graphical form.
- 1 References for values of fluid properties are identified.
- 2 Data reduction is mathematically correct.
- 1 Reduced data have appropriate number of significant digits.

	8
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Discussion Section of the report

- 1 Plausible explanations given for any discrepancy.
- 3 All discussion questions are addressed and answered correctly.
- 1 Evidence of higher level thinking is demonstrated.
- 1 An assessment is given on whether the lab exercise met its objectives.

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(Explanatory notes are provided on the next page.)

Notes

- 1 Display equations are set in the center of a line with space above and below to separate the equation from the text. An optional equation number is aligned flush with the right margin.
- 2 Do not simply copy the procedure section from the lab manual. Briefly list the steps you performed. Identify any actions were taken to improve the outcome of the experiment. Identify any actions that may have contributed to undesirable outcomes.
- 3 Photocopies of hand-scrawled notes are unacceptable.
- 4 Neat, handwritten calculations are acceptable.

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Text of the report is well written

Equations are properly used and documented

Experiment equipment and procedure are properly documented

Primary data and reduced results are presented

Discussion Section of the report

Your Score	Max Score
	4
	5
	5
	6
	8
	6
	34