LaTeX Tutorial Assignment Requirements

CMPE185

- Introduction
    - Why will this tutorial be helpful?
    - Why should I learn LaTeX?
- Creating a .tex file
    - Environments: \begin{ } and \end{ }
    - Reserved Characters
        * Why are these reserved?
        * Explain the functions of these characters: \ , ~ , \\ , %
        * What if you want to display these characters?
    - Preamble
        * \documentclass{} and class files
        * Packages
        * \begin{document} and \end{document}
    - Title and Heading Information
        * Title, Author and Date
        * \maketitle command
- Sections
    - Subsections
- Body Text: Paragraphs and Content
- Tables
    - table and tabular environments
    - Symbols: l, c, r, \hline, \\ and |
    - How to enter content
- Figures
    - \includegraphics[ ] { }
    - Titration plot
    - Meaningful caption
- Mathematical Formulas
    - Equation environments (in-line vs. display)
    - Symbols
    - Fractions
    - Superscripts and Subscripts
- How to: Acknowledgements
- How to: References
    - thebibliography environment
    - \label, \ref, \cite
- Conclusion
- Acknowledgements
- References