

Stat 235

Lab 1

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Lab EL12

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1 Histograms

- 1.a Histograms of Thickness: 400°C, 600°C, and 800°C
- 1.b Shapes
- 1.c Centers and Spreads
- 1.d Effect of Temperature on Thickness

2 Summary Statistics

- 2.a Mean, Std. Deviation, Variance for each Temperature Level
- 2.b Quartiles
- 2.c Mean & Std. Deviation at each pressure value

3 Relationships

- 3.a Thickness vs. Temperature
- 3.b Thickness vs. Pressure by Temperature
- 3.c Relationship Between Thickness and Pressure for each Temperature Level

4 How should the temperature and pressure be selected to produce the thinnest possible film for the LPCVD process?