

Syllabus for Classical Thermodynamics, PHYS 351

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Syllabus for Classical Thermodynamics, PHYS 351 Spring 2021

CRN: 33775, F01

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|---------------|------------|
| Homework | 35% |
| Participation | 5% |
| Quizzes | 10% |
| Midterm I | 12.5% |
| Midterm II | 12.5% |
| <u>Final</u> | <u>25%</u> |
| Total | 100% |

The final grade for this course will be based on a curve. For a given score, your letter grade will not be lower than what it would be expected based on standard grading scale (9

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|--------|---------------------------|-----|
| 27 | latent heat | 1.6 |
| Feb. 1 | conduction of heat | 1.7 |
| 3 | two-state systems | 2.1 |
| 8 | Einstein model of a solid | 2.2 |
| 10 | interacting systems | 2.3 |
| 15 | macroscopic systems | 2.4 |
| 17 | Midterm I | |
| 22 | interacting ideal gases | |

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|----|--|-----|
| 19 | Gibbs free energy and chemical potential | 5.2 |
| 21 | phase transformations of pure substances | 5.3 |
| 26 | van der Waals equation | 5.3 |

May 29 **Final Examination** 10:45-1:15, Wednesday, REIC 207