Syllabus PHYS 352: Thermal Physics

- **Subject**: Thermal Physics and a little bit of Statistical Physics. You’ll learn, e.g., why graphite, not diamond, is the stable form of carbon and why you need electric power to cool things.

- **Instructor**: S.J. van Enk, 251 Wil, svanenk@uoregon.edu.

- **Lectures**: MWRF, 10-10.50am, in Wil 110.

- **Office hours**: Thursday 1pm-2pm. However, I have an open door policy and you can ask me questions at any time about anything.

- **TAs**: William Dumas, 443 WIL (dumas2@uoregon.edu), office hours: Fri 1pm-2pm, and Vinny Roma, 315 WIL (vroma@uoregon.edu), office hours: Thu 2pm-3pm.

- **Textbook**: D. Schroeder, *An Introduction to Thermal Physics*. This book will also be used in PHYS 353 (taught by Tristan Ursell). We’ll go through parts I and II.

- **Homework**: Due every Friday by 5pm. Your lowest homework score will be dropped. We’ll start with half a set, and end with half a set in the last week before the finals, the two scores of which will be combined into one homework score.

  You’ll get most points for showing how you arrived at your final answer, and not much for *just* the final answer.

  Collaborations are good, copying is not.

- **Grading**: Quiz 1 (10%), Midterm (15%), Quiz 2 (10%), Final (35%), Homework (30%). I will not curve any individual homework score or the midterm score, but I do curve the final grade. If the scores are reasonable, the average score will correspond to a B, and one standard deviation above (below) average to an A (C), just like last term for 351.

- **Canvas**: Announcements, homework problems, solutions to problems, statistics on homework/midterm scores, and lecture notes/articles related to material, will all appear in the ”Announcements” section of Canvas.