

## Book List for Thermal Physics II

The following books have been used for the preparation of the course:

- *Statistical Mechanics – a Survival Guide*  
M. Glazer and J. Wark  
comments: covers the statistical mechanics part with a few parts missing, used to be recommended text book for the course
- *An Introduction to Thermal Physics*  
D.V. Schroeder  
comments: covers Thermal Physics I and II, pretty basic description and a few parts at the end missing
- *Classical and Statistical Mechanics*  
A.H. Carter  
comments: covers both Thermal Physics I and II, pretty much just the basics, but well explained and good examples
- *Statistical Physics*  
F. Mandl  
comments: basic textbook on statistical mechanics
- *Thermal Physics*  
C. Kittel  
comments: basic textbook on the whole subject

More advanced material:

- *A Modern Course in Statistical Physics*  
L.E. Reichl  
comments: really thick book with almost every thing in it, quite a bit too much or, at least, much more than presented in the course
- *Statistical Mechanics*  
K. Huang  
comments: classic book on the subject, but quite a bit too much
- *Statistical Mechanics*  
R. Kubo,  
comments: only statistical mechanics and on a high level, but many good examples

Many, many more books that might be also really good are on the market.

**Have a look for yourself!!!**