

Table of examination schedule

<u>Examination name and weight in letter grade</u>	<u>Day and Date</u>	<u>Time and Classroom</u>	<u>Syllabus</u>
First, 18%	Friday, 25 th February	04:00 – 05:20 p.m., Online	Appendices 18, 19, 20 and Chapters 1, 2,
Second, 18%	Wednesday, 8 th April	04:00 – 05:20 p.m., Online	Chapters 4.5 – 6, 7
Final, 24%	Wednesday, 29 th April	5:00 p.m. to 7:00 p.m., Online	Entire course syllabus through chapter 8

Table of course agenda

Note: The course agenda is approximate and subject to change at the instructor's discretion.

<u>Week number:</u>	<u>Topics</u>	<u>Reading</u>
1	The statistical basis of thermodynamics	Chapter 1
2	Elements of ensemble theory	Chapters 2
3	The canonical ensemble	Chapter 3.7
4	The canonical ensemble	Chapter 3
5	The grand canonical ensemble	Chapter 4.5
6	Formulation of quantum Statistics	Chapter 5.2
7	Formulation of quantum	Chapter 5.6
8	The theory of simple gases	Chapter 6.4

9	The theory of simple	Chapter 6
10	Ideal Bose Systems	Chapter 7.2
11	Ideal Bose Systems	Chapter 7.5
12	Ideal Fermi Systems	Chapter 8.1
13	Ideal Fermi Systems	Chapter 8.2
14	Ideal Fermi Systems	Chapter 8