

## **THERMODYNAMICS (ENGR 352 SECTIONS 1 AND 2, M. T. HORSCH): DETAILED SCHEDULE**

*Sun Jan 21 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Introductory session  
Tue Jan 23 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Recapitulation – working consistently with SI Units*

### **(1) Thermodynamic Systems (MSBB 1.1 to 2.4; ÇB 1-1 to 2-5)**

Thu Jan 25 9.15/10.30: (1) class I    Sun Jan 28 9.15/10.30: (1) class II

### **(2) First Law and Thermodynamic Properties (MSBB 3.1 to 3.14; ÇB 2-6 to 3-7)**

Tue Jan 30 9.15/10.30: (2) class I    Thu Feb 1 9.15/10.30: (2) class II

*Sat Feb 3 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Q&A session (shifted from Thu Feb 15) in room A-G-05  
Sun Feb 4 9.15/10.30: (2) class III*

### **(3) Applications of the First Law (MSBB 4.1 to 4.12; ÇB 4-1 to 5-5)**

Tue Feb 6 9.15/10.30: (3) class I    Thu Feb 8 9.15/10.30: (3) class II

*Sat Feb 10 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Q&A session (shifted from Sun Feb 18) in room A-G-05  
Sun Feb 11 9.15/10.30: (3) class III*

### **(4) Second Law and Entropy (MSBB 2.6, 3.15, 5.1 to 6.11; ÇB 6-1 to 7-9, 7-13)**

Tue Feb 13 9.15/10.30: (4) class I

*Mon Feb 19: Due date for bonus project draft proposals*

Tue Feb 20 9.15/10.30: (4) class II

*Thu Feb 22 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Tutorial session*

*Sat Feb 24 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Q&A session (shifted from Thu Mar 15) in room A-G-05*

Sun Feb 25 9.15/10.30: (4) class III    Tue Feb 27 9.15/10.30: (4) class IV

### **(5) Thermodynamic Property Relations (MSBB 11.1 to 12.4; ÇB 3-8, 12-1, 12-2, 12-4 to 13-3)**

Thu Mar 1 9.15/10.30: (5) class I

*Sat Mar 3: Due date for revised (final) bonus project proposals*

Sun Mar 4 9.15/10.30: (5) class II

Tue Mar 6 9.15/10.30: (5) class III    Thu Mar 8 9.15/10.30: (5) class IV

*Sun Mar 11 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Q&A session in room A-G-05*

*Tue Mar 13 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Q&A session in room A-G-05*

**Wed Mar 14 19.45 – 21.00: Term exam I in room B-B1-06**

### **(6) Phase Equilibria and Phase Transitions (MSBB 8.1, 8.2, 14.1, 14.5, 14.6; ÇB 10-1, 10-2, 12-3, 16-6)**

Sun Mar 25 9.15/10.30: (6) class I    Tue Mar 27 9.15/10.30: (6) class II    Thu Mar 29 9.15/10.30: (6) class III

*Sat Mar 31: Due date for draft term papers*

**Sat Mar 31 18.30 – 20.45: Term exam II in room B-B1-06**

*Sun Apr 1 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Tutorial session*

*Tue Apr 3 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Tutorial session*

### **(7) Mixtures and Chemical Reactions (MSBB 13.1 to 13.3, 13.5, 14.2, 14.3; ÇB 15-1 to 16-5)**

Thu Apr 5 9.15/10.30: (7) class I

Sun Apr 8 9.15/10.30: (7) class II    Tue Apr 10 9.15/10.30: (7) class III

Sun Apr 15 9.15/10.30: (7) class IV    Tue Apr 17 9.15/10.30: (7) class V

**Thu Apr 19 11.30 – 15.30: AUIS Engineering Day in the conference hall**

*Sat Apr 21: Due date for revised (final) bonus term papers*

*Sun Apr 22 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Tutorial session*

Tue Apr 24 9.15/10.30: (7) class VI

**Sat Apr 28: Seminar day (shifted from Thu Apr 12), multiple sessions, schedule TBA, in room A-G-05**

*Sun Apr 29 9.15 – 10.15 (S1), 10.30 – 11.30 (S2): Q&A session (shifted from Thu Apr 26) in room A-G-05*

**Sat May 5 17.00 – 19.00: Final exam in room B-B1-06**