

Attn. BMC II students

Information about your THIRD SELF CONTROL TEST in Chemistry:

LOCATION: IVDI LECTURE HALL

TIME: 21st of March, 2025

STARTS AT 4 P.M. ENDS AT 5.10 P.M. (70 minutes)

PLEASE ARRIVE BY 3. 45 P.M. and bring a photo ID, a calculator, dark pens.

Topics covered

McMurry 8th edition:

Solutions. Electrolytes and non-electrolytes (McMurry pp.151-157, 166-167, 529-543)
Chemical equilibrium (McMurry pp.636-667)
Acids and bases 1 (McMurry pp.689-704)
Acids and bases 2 (McMurry pp.705-719)
Thermochemistry: internal energy and state functions. Enthalpy. Hess's law (McMurry pp.362-385)
Redox reactions. Activity series of the elements. Galvanic cells (McMurry pp.169-179, 848-858, 861-866)
Summary of general chemistry 3

Helpful sources:

Textbook:

- 1. Chemistry by McMurry, Fay and Robinson**
- 2. Lectures and seminar slides**

The test will include:

- 30 multiple choice test questions for 51 points

- a second module for 49 points (worked examples, calculations, terms, and definitions, fill in gaps, fill in tables, etc.)