

2nd control test in Chemistry for BMC I students

October 28, 2024 Monday, 6 p.m.

Places of the SCT2: Gr. 1, 2, 3, 4, 5, 6, 7: Life Science Building, Lecture Hall F015-016
Gr. 8, 9, 10, 11, 12: Learning Center, Lecture Hall 014

You are required to go to the assigned lecture hall. No late show up, no early leave (min. 55 min).

What you need: a blue pen (no pencil), a SIMPLE calculator, PICTURE I.D.

What *strictly forbidden is*: any kind of electronic device (mobile phone, tablet, scanner pen, spy pen)

The test will include the topics of the first semester week 4-7 lectures and seminars.

The topic for the 1st lecture (Summary of General Chemistry 2) in week 7 also included.

Chemical bonds: metallic, ionic and covalent bond. Electron-dot structures
(McMurry pp.927-928, 234-240, 251-277)

VSEPR and valence bond theory (McMurry pp.290-306)

Intermolecular forces (McMurry pp.329-339)

Thermochemistry: internal energy and state functions. Enthalpy. Hess's law (McMurry pp.362-385)

Summary of general chemistry 2

Textbook: McMurry: Chemistry 8th edition, Global edition