

## 2<sup>nd</sup> control test in Chemistry for BMC I students

**October 27, 2025 Monday, 6 p.m.**

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.

Places of the SCT 2: Gr. 1, 2, 3, 4:	Learning Center,	Lecture Hall 014
Gr. 5,6,7, 8:	Augusta Building,	Lecture Hall
Gr. 9, 10, 11, 12:	Theoretical Building,	Lecture Hall

Chemical bonds: metallic, ionic, and covalent bonds. Electron-dot structures (McMurry pp. 498, 254-261, 273-298)

VSEPR and valence bond theory (McMurry pp.313-329)

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**

**Summary of general chemistry 2-Problem solving**

Textbook: McMurry: Chemistry 8<sup>th</sup> edition, Global edition