

Mathematics II

This course is intended for foreign students studying at our faculty and domestic students who registered it. Conditions and requirements of this course are identical to the course in Czech and governed by the same rules.

Content:

Functions of several variables - domain, limit, continuity, partial derivatives, extremes, implicit function Multiple integrals - double and triple integral, Fubini's theorem, applications Line integral, surface integral, Gauss theorem, potential.

- [Preliminary plan](#) of lectures in academic year 2015/16

Lecturers

[prof. RNDr. Gejza Dohnal, CSc.](#), Office: KN:B-205

[RNDr. Tomáš Neustupa, Ph.D.](#), Office: KN:B-214

Literature:

- Neustupa, J., Kračmar S.: Mathematics II, CTU Publishing House, Prague, 1996,
- Finney, R. L., Thomas, G.B.: Calculus, Addison-Wesley, New York, Ontario, Sydney, 1994

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Last update: **2025/06/02 19:21**

