

Basic Mathematics II (2-0) 2

Algebraic expressions, concepts of equations and identities, division of algebraic expressions into multipliers, operations in algebraic expressions, equations and inequalities, systems of equations and inequalities, bivariate functions, graphs of continuous and interrupted functions. Establishment of geometry, planar shapes, their fields and their surroundings, objects, their areas and volumes, parity and similarity concepts, right triangle, Pythagorean relationship, metric relations in right triangle, basic geometric drawings, basic geometric drawings, basic concepts of trigonometry, analytical examination of line and circumference.

Course Material:

Sınıf Öğretmenliği Ana Bilim dalı Öğrencileri için Temel Matematik 1, Hidayet Sulak, Nobel Yayın Dağıtım, Ankara, 2007.

Supplementary Materials:

- Temel ve Genel Matematik, Mustafa Balcı, Sürat Üniversite Yayıncılık, İstanbul, 2014.
- Temel Matematik 1, Ziya Argün, Seçkin Yayıncılık, Ankara, 2014.
- Temel Matematik-I Ders Kitabı, Şeref Mirasyedioğlu, Gündüz Yayıncılık, Ankara, 1998.