

AL-FARABI KAZAKH NATIONAL UNIVERSITY

G.K. Vassilina

**GENERAL CHEMICAL TECHNOLOGY
PART I**

Manual

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General chemical technology, part I: Manual for students of chemical specialties of higher education institutions / Vassilina G.K. – Almaty: Қазақ университеті, 2017. – 101 p.

The book is a manual on the course "General chemical technology" for students of chemical specialties of higher education institutions. In the first part the manual outlines the theoretical foundations of chemical technology, including: general concepts, regularities, chemical and technological studies applicable to the main types of reactors and chemical-technological systems, the regularities of homogeneous and heterogeneous, catalytic and non-catalytic processes. The problems of rational use of raw materials and energy in chemical production are outlined.