

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
College of General Studies
Prep-Year Math Program
SYLLABUS
MATH001 – TERM 252

Week	Date	Sec.	Topic
1	Jan. 11 - Jan. 15	Review	Review of Some Arithmetic Operations
		P.2	Real Numbers
2	Jan. 18 - Jan. 22	P.2	Real Numbers (Continue...)
		P.3	Integer Exponents and Scientific Notation
3	Jan. 25 - Jan. 29	P.4	Rational Exponents and Radicals
		P.5	Algebraic Expressions
4	Feb. 01 - Feb. 05	P.6	Factoring
5	Feb. 08 - Feb. 12	P.7	Rational Expressions
		P.8	Solving Basic Equations
6	Feb. 15 - Feb. 19	1.1	The Coordinate plane
		1.2	Graphs of Equations in Two Variables; Circles
SAUDI FOUNDATION DAY: 22 ND FEBRUARY 2026			
7	Feb. 23 - Feb. 26	1.3	Lines
		1.4	Solving Quadratic Equations
8	Mar. 01 - Mar. 05	1.5	Complex Numbers
		1.6	Solving Other Types of Equations
9	Mar. 08 - Mar. 12	1.7	Solving Inequalities
		1.8	Solving Absolute Value Equations and Inequalities
EID – FITR VACATION: 15 TH – 26 TH MARCH 2026			
10	Mar. 29 - Apr. 02	2.1	Functions
		2.2 2.3	Graphs of Functions; Getting Information from the Graph of a Function
11	Apr. 05 - Apr. 09	2.5	Linear Functions
		2.6	Transformations of Functions
12	Apr. 12 - Apr. 16	2.6	Transformations of Functions (continue ...)
		2.7	Combining Functions
13	Apr. 19 - Apr. 23	3.1	Quadratic Functions
		3.3	Dividing Polynomials
14	Apr. 26 - Apr. 30	3.4	Real Zeros of Polynomials
		3.2	Polynomial Functions and Their Graphs
15	May 03 - May 07	3.5	Complex Zeros and the Fundamental Theorem of Algebra
		3.6	Rational Functions
16	May 10		<i>Review for Final Exam</i>