Kingdom of Saudi Arabia
Ministry of Education
Jazan University
College of Pharmacy

المملكه العربيه السعوديه
وزاره التعليم
جامعه جازان
كليه الصيدله

Mathematics

Title: Mathematics
Course number: 201MATH
Semester: Third Semester (Second Year).
Duration: 2 + 0 Units (2 contact hours) per week.
Aims: To enable the student to understand arithmetic, calculus, algebra and trigonometry.
Objectives: Upon successful completion of this course the student should know basic mathematics, differential calculus, algebra, equations, curves and graphs.
Contents: Arithmetic, algebra, algebraic equations, graphs, series e and natural logarithm, trigonometry, differential calculus, integration, trigonometric functions and its relations, differential equations, partial differential equations; equations and series for describing experimental measurements.
Minimum course requirements: 30 (2 x 15) Unit lectures (30 contact hours) per level.
Evaluation Methods:
- Exam 1   20%   - Exam 2   20%   - Final examination (written)   60%   **Text Books (latest editions):**
1- Algebra and Trigonometry with Analytic Geometry, E.W. Sowkowski, Jeffery Cole.   2- Just in Time Algebra and Trigonometry for Students of Calculus,   Guntra, Mueller & R.I. Breny.

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Recommended Books(latest editions):

1- Practical Algebra: A Self-Teaching Guide, Peter H. Selby.

2- Principles of Mathematical Analysis (International Series in Pure & Applied Mathematics), Walter Rudin.