Engineering and Engineering Technologies College
Computer Techniques Engineering Department
Engineering Mathematics
Second Stage - First Course

كلية الهندسة والتقنيات الهندسية
قسم تقنيات الحاسوب
مادة الرياضيات الهندسية
المرحلة الثانية ـ الكورس الاول

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Week 8	Midterm Exam
Week 9	Joint distribution functions. Marginal distributions. Independent random variables. Distributions of sums of independent random variables.
Week 10	Expectation and variance of sums of random variables. Covariance and correlation.
Week 11	Conditional expectation. Prediction.
Week 12	Graphical Representation - frequency tables and charts, Measures of Central Tendency, and Dispersion.

Engineering Mathematics   Dr. mohammed Rahma

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Week 13	Relationship Modelling, Pearson's Correlation Co-efficient
Week 14	Significance of the correlation co-efficient, Simple Linear Regression
Week 15	Chi Square test for association, Chi Square test of goodness of fit
Week 16	**Preparatory week before the final Exam**