

**Department of Mathematics**

**Faculty of Science**

**MATH (206)764**

**ADVANCED MATHEMATICS FOR ENGINEERS II**

**3(3-0-6)**

**Prerequisite**

MATH (206)763

**Course Descriptions :**

Advanced calculus. Partial differential equations. Analytic functions. Cauchy's theorem ; residue. Conformal mapping. Some integral transforms and their applications.

**Course Contents**

**No. of Lecture Hours**

**Total            45**