# 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**