강 의 계 획 서

교과목명	공학수학1		교강사명	김문현
수강대상대학	전체			
수업시간	화[AA]09:00-10:15,목[AA]09:00-10:15			
강의실	[51352B] 기초학문관51동 3층 강의실			
개요/진행	Engineering Mathematics 1 introduces basic and advanced mathematics used in engineering. The aim of the course is to develop an awareness and an appreciation of the role of mathematics in engineering. This course deals with mathematical principles, methods, and modeling. This course deals with First-Order Differential Equations, Second-Order Differential Equations, Higher-Order Differential Equations, Laplace Transform, Vector Differential, Vector Integral.			

내용

3 월	First Order ODE
4 월	Second Order ODE, Higher Order ODE
5 월	Laplace Theorem
6 월	Vector Differential Calculus, Vector Integral Calculus

참고문헌

도서구분	도서명	저자	발행년도	출판사
교재	Advanced Engineering Mathematics 9/e	Kreyszig	2005	Wiley