SYSM6321 - Financial Engineering I

SYSM 6321 Financial Engineering I (3 semester hours) Introduction to finance and investments from an engineering perspective. Focuses on the principles underlying financial decision making which are applicable to all forms of investment: stocks, bonds, real estate, project budgeting, corporate finance, and more. Intended for students with strong technical backgrounds who are comfortable with mathematical arguments. Primary components: deterministic finance (interest rates, bonds, and simple cash flow analysis); single period uncertainty finance (portfolios of stocks and pricing theory). Prerequisites: Calculus I and II, basic probability, and (ENGR 3341 or equivalent). (3-0) Y (2016-02-05 21:36:56)