FRB302 Probabilities & Statistics د. تامر راجح <u>Notes:</u>

I- The research language is English

II- Similar researches are rejected and not success

# 1

**Introduction to Probability and Conditional Probability** 

- ✓ Survey
- ✓ Definitions
- ✓ Examples
- ✓ Applications

#### 2

(3)

### **Independence (Electrical Circuit (Switches))**

- ✓ Survey
- ✓ Definitions
- ✓ Examples
- ✓ Applications

## **Total Probability and Bayes' Low**

- ✓ Survey
- $\checkmark$  Definitions
- ✓ Examples
- ✓ Applications

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**Discrete and Continuous Random Variables** (Discrete Probability Distribution Function, Cumulative Distribution Function, Mean and Variance)

- ✓ Survey
- ✓ Definitions
- ✓ Examples
- ✓ Applications

#### 5

### **Discrete Distribution** (Binomial Distribution and

Poisson Distributions)

✓ Survey

✓ Definitions

- ✓ Examples
- ✓ Applications

#### 6

#### **<u>Continuous Distribution</u>** (Normal Distribution)

- ✓ Survey
- ✓ Definitions
- ✓ Examples
- ✓ Applications