

# Placement Exam

## MBA 611- Statistical Decision Analysis



### MBA 611 Exam Details:

Multiple Choice  
Open book  
Calculator Permitted  
Time Limit: 2 hours  
Passing score= 70%  
Text: Modern Business Statistics by Anderson, Sweeney & Williams 3<sup>rd</sup> Edition

### MBA 611 Exam Content:

Exam takers should focus on the following content:

- Estimation of Population Parameters ( $\mu$ ,  $\pi$ ) using samples, point estimates, and interval estimates
  - Standardized test statistic
  - Determine critical value of test statistics at various significance levels
  - Standard Deviation
- Hypothesis testing concerning:  $\mu$ ,  $\pi$ , and  $\mu_1$  and  $\mu_2$
- $X^2$  (Chi Square) Test of Independence
- $X^2$  (Chi Square) Goodness of Fit Test
- ANOVA – single factor
- Single Regression
- Multiple Regression
- Coefficient of Determination