

**MCG 2108 -Fall 2017**

**ASSIGNED PROBLEMS**

**Course Book:** Ferdinand P. Beer, Russell Johnston Jr, Phillip J. Cornwell “Vector Mechanics for Engineers, Dynamics”, **10<sup>th</sup> Edition**, Mc Graw Hill

**(Note: MUST solve additional problems from the book similar to the suggested problems for better practice).**

**Chapter 11 (Part 1):**

11.33, 11.38, 11.39, 11.40, 11.47, 11.49, 11.51, 11.53, 11.55 (QUIZ 1)

**Chapter 11 (Part 2)**

11.105, 11.123, 11.124, 11.136, 11.137, 11.138, 11.139, 11.140, 11.141, 11.142, 11.143, 11.147, 11.162. (QUIZ 2)

**Sample Problems** ( solved in the book):

11.9, 11.10, 11.11, 11.12

**Chapter 12 (Part 1)**

12.7, 12.11, 12.13, 12.17, 12.32, 12.34

**Chapter 12 ( Part 2)**

12.36, 12.37, 12.38, 12.44, 12.45, 12.46, 12.47, 12.51, 12.66, 12.67, 12.68

**Sample Problems** ( solved in the book):

12.1, 12.3, 12.4, 12.5, 12.6.

**QUIZ 3 from entire chapter 12**

**Chapter 13 ( Part 1)**

13.2, 13.3, 13.10, 13.11, 13.15, 13.17, 13.19, 13.22, 13.24, 13.33 (QUIZ 4)

**Chapter 13 ( Part 2)**

13.160, 13.163, 13.165, 13.166, 13.167, 13.168, 13.169, 13.174, 13.175

**Sample Problems** ( solved in the book):

13.3, 13.11, 13.12, 13.15, 13.16

-----UNTIL MID TERM EXAM - 19<sup>th</sup> October, 2017-----

