MANE6960 Advanced Topics in Finite Elements

Questionnaire – Introduction

Use your web browser to visit the web page below and watch all the short videos therein so you can answer the following questions.


1.- What is the objective of this course?

2.- What are the expected learning outcomes of this course?

3.- Make a list of the topics that will be studied in this class.

4.- How will you and your instructor communicate in this class when not in contact face-to-face?

5.- Describe briefly the form in which course material will be covered and discussed week to week.

6.- List the software requirements for this class and list those of which personal student version copies are required by week 2.

7.- Describe the expected contents and formats of of the student’s web portfolios.

8.- Describe the type and frequency of submission of the required deliverables (homework assignments) in this class.

9.- List the three types of reading assignments for this class and list the texts that will be used.

10.- Describe how will the student’s performance in this class be graded.

11.- Write down and bookmark in your own personal computer the URL for the course web-page. Also add me to your contact list in Skype. My ID is ernesto.pedro.gutierrez.miravete.

12.- Set up your RPI web portfolio page with a link to this class. Please contact me if you need any assistance.

13.- Navigate through and examine all the links in the class web page.

14.- Watch the posted video on the Galerkin Finite Element Method

(http://mediasite.itops.rpi.edu/Mediasite5/Play/4d49d8af7771431b864559b33854da1a1d)

Write one sentence describing each step involved in the implementation of the method.

15.- Read through Chapters 1 and 3 in Text Z-I (See Links link).