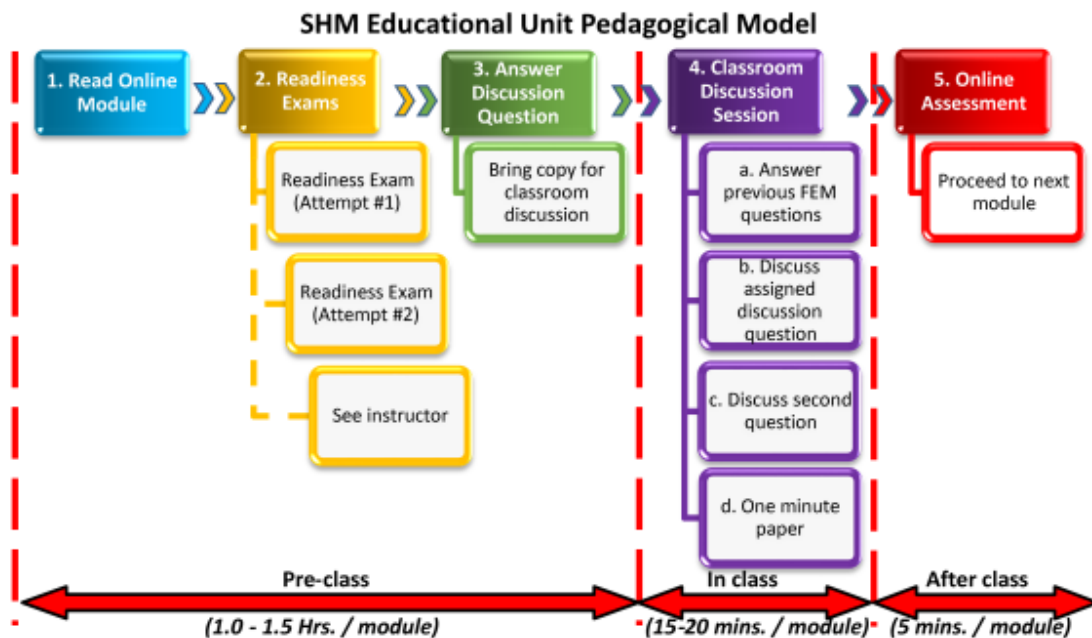


# Student Guidance

The figure below is a basically a road map that can be used to guide your progress through the **SHM Fundamentals Education Subunit** and the **SHM Applications Education Subunit**.

In addition to differences in the content and the cognitive levels of learning of the Subunits, there are some differences in the characteristics of the two Subunits.

- The Fundamentals Education Subunit consists of five education modules (FEM0-FEM4) whereas the Applications Education Subunit consists of four education modules (SEM1-SEM2 and SAM1-SAM2).
- The Applications Education Subunit includes a practical demonstration of SHM equipment and monitoring techniques (SAM2).



## Step-by-step learning process:

1) In advance of initiating your study of either the Fundamentals Education Subunit or Applications Education Subunit, you will be provided with a Master Schedule listing target dates for completing the first three steps in the model displayed above for each of the Education Modules as well as the dates of the Classroom Discussion Sessions (step 4) for each of the modules.

2) Start by carefully reading and reflecting on the content of an education module (FEM0-FEM4 or SEM1-SEM2 or SAM1-SAM2). You will be provided with a URL that will allow you to access the modules

online. In the case of FEM0-FEM4, you will have the choice of a PowerPoint or eLearning version of the module. Both versions contain the same content but which is presented in a somewhat different format.

3) Once you finish reading and reflecting on the content of a specific Education Module, your next step is to take the relevant Readiness Exam. The primary purpose of the exam is to ensure that you are adequately prepared to participate in the classroom discussion session in a meaningful manner. Unless you achieve a score of 80% or greater on the exam, you must achieve a passing grade on a second exam. Generally, you will be able to access the exam(s) online both for taking and grading purposes. Your instructor will provide guidance to you concerning access to the exams.

4) Upon satisfactory completion of the Readiness exam, the next step is to complete and submit your response to the corresponding classroom discussion question. Guidance will be provided to you on the process of accessing and submission of the classroom discussion question form. Again, it is important that the form be submitted in accordance with the time frame provided in the Master Schedule.

Note: As indicated in the figure, you should set aside approximately 1-1 ½ hours of your time to complete the first three steps.

5) Interactive discussions of the classroom discussion questions will be conducted in accordance with the Master Schedule. You should bring copies of your completed discussion question response forms to class. Discussions of either two or three of the questions will take place during a given classroom session. You will be asked to form groups of 2-4 students, discuss your respective responses within your group and reach a consensus response. Representatives from randomly selected groups or groups that volunteer will then be called upon by the instructor to share their consensus response to the class.

6) At the completion of the discussion of a given question, you will be asked to complete what is called a "one minute paper". On this "paper" you are asked to list any lingering specific questions you have concerning the content of the relevant education module.

7) Step 5 in the figure above is optional, so you may or may not be asked to complete an online assessment survey.