



CHAPTER 7

Teaching in an e-Learning Environment





OBJECTIVES

After completing Chapter 7 you will have acquired:

- Understanding of e-Learning
- Definitions of Components and Tools
- Understanding of Difference Between Synchronous and Asynchronous Learning
- Information on Different Teaching Skills Involved



E-LEARNING ENVIRONMENT

What is e-Learning?

- Electronically supported
- In and outside the classroom.
- and Distance learning

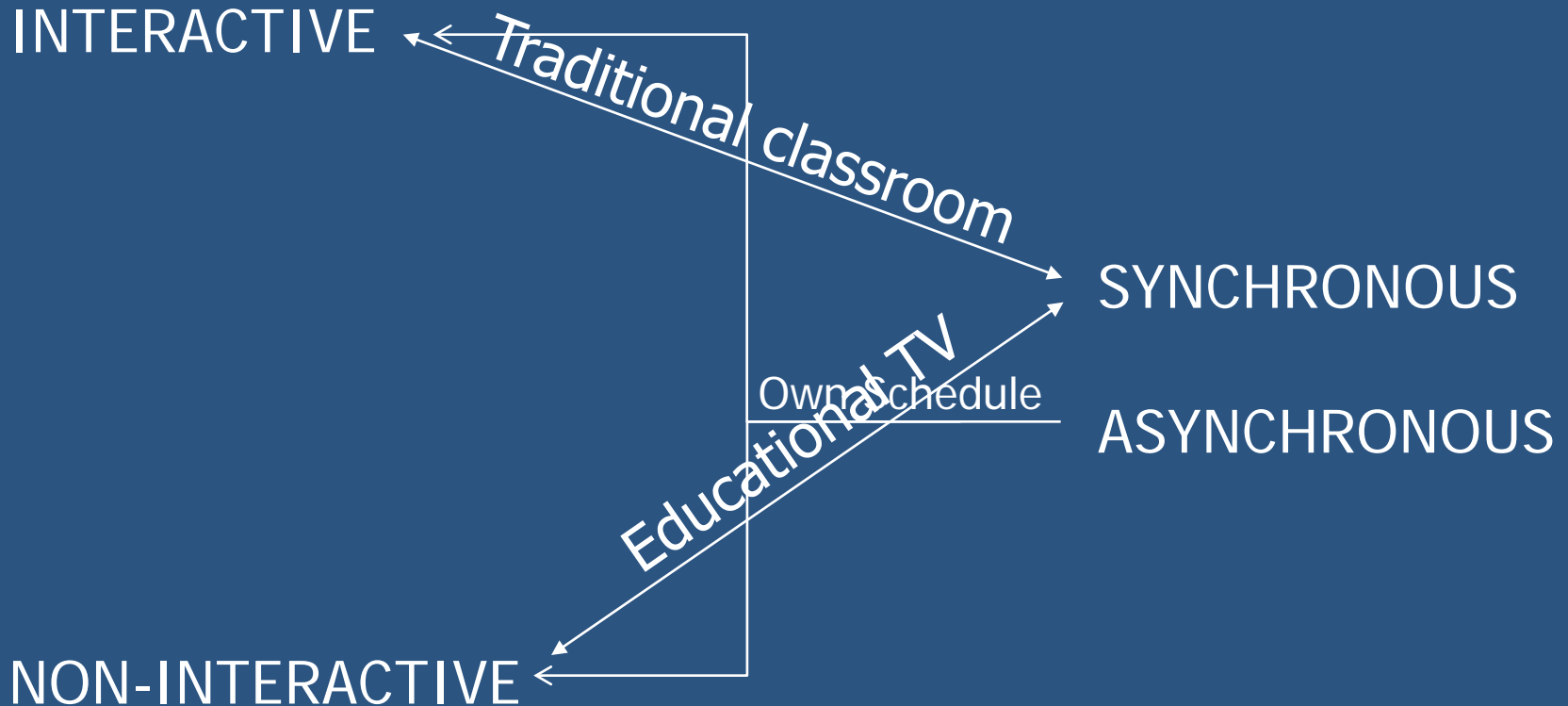


DISTANCE LEARNING

- Main form of e-Learning.
- Delivers education to students not physically present in a classroom.
- Lifelong learning.
- Limitations.
- Instructor role.
- and Squadron Educational Activities.



DISTANCE LEARNING TYPES





BLENDED LEARNING

Combination

Traditional Classroom

and

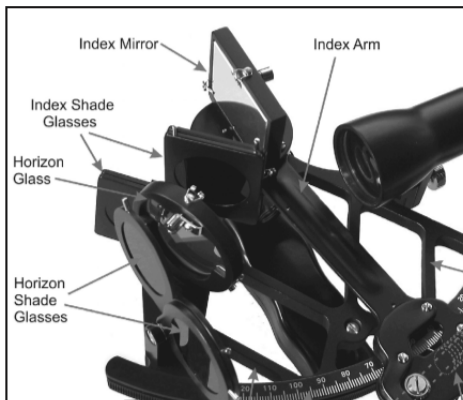
Electronic Learning

E-BOOKS

14

Parts of the Sextant

- 3 The parts of a sextant are identified in Figure 2-1. While sextants vary somewhat in detail, the one in this figure is representative of most marine sextants commonly available today.
- 4 The **frame** serves as a rigid base and provides a stable mount to which the other parts are attached. You hold a sextant in your right hand by the **handle** so that the plane of the frame is vertical, and sight through the **telescope**.
- 5 The **limb** is the lower curved edge of the frame. The **arc** is a scale attached to or inscribed on the limb. Each line on this scale represents 1' of measured angle. The angles that can be measured with the sextant in this picture range from 5' to +145'. Gear teeth are cut into the bottom edge of the limb.
- 6 The **index arm** is graduated by the radius of curvature of the arc. The **index mark** at the end of the arm is a mark that is matched to the arc to indicate the angle measured. A **telescope** is mounted on the end of the index arm. This screw is engaged with the limb by spring pressure. The telescope can be disengaged to allow free movement of the **micrometer drum**. The micrometer drum and its screw moves the index mark. The graduations on the drum are in minutes and tenths of minutes.
- 7 A sextant has two mirrors. The **index mirror**, mounted on the index arm directly over its





E-TEACHING

Instructor vs. Facilitator

Online Instructor

Online Learning

and Online Teaching



SUMMARY

E-learning and distance-learning can provide meaningful learning experience.

Individuals differences among student and instructors determine best teaching/learning environment.

Some instructors better suited for one format than another.

Both students and instructors need to acquire new teaching-learning strategies.



Presentations

Use remainder of class time for students to make the required presentations.

