EO C222.01 – PRACTICE NAVIGATION USING A MAP AND COMPASS

1. **Performance**: Practice Navigation Using a Map and Compass

2. **Conditions**:

   a. Given:

      (1) a prepared route;

      (2) topographical map;

      (3) compass;

      (4) supervision; and

      (5) assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting, during daylight hours.

3. **Standard**: In accordance with B-GL-382-005/PT-001, the cadet shall practice navigation using a map and compass.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Conduct a safety briefing, to include: a. actions to be taken if a cadet becomes lost; b. time limits for the activity; c. boundaries; and d. a narrative of the specific activity being conducted.	Interactive Lecture	10 min	
TP2	Participate in a navigation activity, chosen from the following: a. navigation brain teaser, b. compass work and pacing, and c. puzzle navigation.	Practical Activity	55 min	A2-041 (p. 124)
TP3	Conduct a debriefing.	Group Discussion	15 min	

5. **Time**:

a.	Introduction / Conclusion:	10 min
b.	Interactive Lecture:	10 min
c.	Practical Activity:	55 min
d.	Group Discussion:	15 min
e.	Total:	90 min

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6. **Substantiation**:

   a. An interactive lecture was chosen for TP1 to give direction on procedures and to illustrate the application of rules for the navigation exercise.

   b. A practical activity was chosen for TP2 as it is an interactive way to allow cadets to experience navigation in a safe, controlled environment. This activity contributes to physical fitness and to the development of navigation skills and knowledge in a fun and challenging setting.

   c. A group discussion was chosen for TP3 as it allows the cadets to interact with their peers and share their knowledge, experiences, opinions and feelings about navigation training.

7. **References**: A2-041 B-GL-382-005/PT-001 Canadian Forces. (2006). *Maps, Field Sketching, Compasses and the Global Positioning System*. Ottawa, ON: Department of National Defence.

8. **Training Aids**:

   a. A prepared route;

   b. A topographical map; and

   c. A compass.

9. **Learning Aids**:

   a. A prepared route;

   b. A topographical map; and

   c. A compass.

10. **Test Details**: N/A.

11. **Remarks**:

   a. The intent of this activity is to give the cadet experience navigating with a map and compass, determine distance and follow a bearing from point to point.

   b. This activity may be conducted using any available map appropriate for this activity.

   c. This complementary activity can be conducted up to three times during supported complementary days or sessions. However, participation is limited to a maximum of nine periods.

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