EO M203.06 – EMPLOY PROBLEM SOLVING

1. **Performance**: Employ Problem Solving

2. **Conditions**:

   a. Given:

      (1) Supervision; and

      (2) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Suitable classroom facilities or training area large enough to accommodate the entire group.

3. **Standard**: In accordance with specified references, the cadet shall employ problem solving.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	a. Explain problem-solving, to include: 1. trial and error analysis; and 2. logical analysis; and b. steps in the problem-solving process, to include: 1. confirming the task; 2. identifying the problem; 3. determining the critical factor; 4. developing alternate solutions; 5. comparing alternatives; 6. determining the best solution; 7. implementing the solution; and 8. evaluating the plan and the implementation.	Interactive Lecture	20 min	A2-036 C0-115 (pp. 45 and 46) C0-135 (pp. 221 to 223)
TP2	Conduct a writing activity where cadets solve problems using the technique from TP1.	In-Class Activity	10 min	C0-115 (pp. 45 and 46)
TP3	Conduct a discussion where cadets explain their choices from the problem-solving exercise.	Group Discussion	20 min	C0-115 (pp. 45 and 46)

5. **Time**:

   a. Introduction / Conclusion: 10 min

   b. Interactive Lecture: 20 min

   c. In-Class Activity: 10 min

   d. Group Discussion: 20 min

   e. Total: 60 min

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6. **Substantiation**:

   a. An interactive lecture was chosen for TP1 to orient the cadets to problem solving.

   b. An in-class activity was chosen for TP2 as an interactive way to provoke thought, stimulate interest among cadets and present problem-solving.

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

7. **References**:

   a. A2-036 A-CR-CCP-121/PT-001 D Cdts 3. (2003). *Royal Canadian Army Cadet Reference Book*. Ottawa, ON: Department of National Defence.

   b. C0-115 (ISBN 0-7879-4059-3) Van Linden, J. A. & Fertman, C. I. (1998). *Youth Leadership*. San Francisco, California: Jossey-Bass Inc.

   c. C0-135 (ISBN 0-7645-5176-0) Loeb, M. & Kindel, S. (1999). *Leadership for Dummies*. Indianapolis, Indiana: Wiley Publishing, Inc.

8. **Training Aids**:

   a. Presentation aids (e.g. whiteboard/flipchart/OHP) appropriate for the classroom/training area, and

   b. Scenarios of problems.

9. **Learning Aids**: Scenarios of problems.

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

11. **Remarks**: N/A.

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