

APPENDIX S

Additional Examples for Implementation Phase

Table of Contents

Use the following table to access the example you need:

Example Number	Title
EX – S.1	Pilot Course Evaluation Report (PCER)

This page intentionally left blank

EX – S.1: Pilot Course Evaluation Report (PCER)

Cold Water/Ice Diving Course (CWID)



**Pilot Course Evaluation
February 26 – March 5, 2010**

Executive Summary

Background

Training Center (TRACEN) Yorktown's Performance Systems Branch (PSB) was requested to perform a Pilot Course Evaluation of the Cold Water/Ice Diving Course. As a Training Specialist (GS-1712), with experience in curriculum design, development, implementation, evaluation, and instruction, I was assigned to complete an overall evaluation of the training.

Pilot Course Evaluation Forms (PCEFs), (Attachment 1), were used and attached. They are designed to identify and compare approved Terminal Performance Objectives (TPOs) and Enabling Objectives (EOs) with what was actually delivered during the training event.

Executive Summary, Continued

Observations

- One student had difficulty with the dry suit exercise in the pool, but the instructors handled the situation very professionally. The correct neurological exam was conducted, diving operations continued, and the decision to ask the student to forego the ice dive was correctly made. This demonstrated the value of the “crawl-walk-run” nature of the course. If the pool evolution was skipped and the student was instructed to demonstrate dry suit procedures in open water, there may have been serious problems.
-

Executive Summary, Continued

- Suggestions**
- Although the course is as “performance-based” as possible, a day of classroom instruction is still needed. There was some difficulty getting the class started on time due to the lack of a dedicated classroom. The local MSST was holding an “All-Hands” meeting and a personnel inspection which delayed the use of the classroom. Although this did not seem to impact the effectiveness of the classroom instruction, a dedicated classroom facility would be preferable.
 - Even though few Coast Guard divers will conduct their ice diving activities through a hole that they cut in the ice, the present sequencing of “pool to cold water to ice” gives the instructors the opportunity to observe students as they transition through considerably more challenging training evolutions. Also, it lets the instructors control the safe transition as well. If the course is moved next year, perhaps a day of diving off of a cutter (even if in a port) will give students more “real-world” experience. The use of a dive stage, Jacob’s ladder, and tag-outs can be then emphasized.
 - The training was conducted so well there are almost no suggestions for improvement, except for the inclusion of the evacuation drill. Mailing a Student Guide to the attendees prior to their attendance may add to the retention of the material, but the practical application of the techniques and procedures is practiced enough that retention is not a concern. The course is well thought out and well taught. Routine changes to course material and training aids should be accomplished as needed.
-

WS-R.1: PILOT COURSE IMPLEMENTATION FORM

Please complete this form as thoroughly as possible and attach supporting materials as necessary.

Title of Course: Cold Water/Ice Diving Course	Course Start Date: 26 Feb 2010	Course End Date: 5 Mar 2010	Lecture Evaluation Date: 2/26/2010
Unit/Lesson #: Lesson 1	Lesson Title: Prepare the Dive Plan.	Instructor: Chief "Sample"	Pilot Course Evaluator: Dan Montgomery

Lesson Times

Proposed Duration: 1 hr 55 minutes	Lecture / Lab /Etc.	Proposed Time		Actual Time		Mid-Lecture / Lab Break
		Start	Finish	Start	Finish	
	Lecture	0900	0945	0900	0937	13 minute break
Actual Duration: 1 hr 50 minutes	Practical Exercise	0955	1055	0950	1050	

Time-line notes:

Job Aids

Yes No

Job Aid Name: None	Job Aids Used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Job Aid Name:	Job Aids Used: Yes <input type="checkbox"/> No <input type="checkbox"/>

TERMINAL PERFORMANCE OBJECTIVE (TPO)

1.1 Given a real or simulated Operations Order (OPORD) or Deployment Order, **PREPARE** a dive plan without error.

STEPS

#	Step	How Met
1.1.1	IDENTIFY mission objectives	Lecture and Practical Exercises
1.1.2	SELECT mission location.	Lecture and Practical Exercises
1.1.3	SCHEDULE the mission	Lecture and Practical Exercises
1.1.4	IDENTIFY operational hazards	Lecture and Practical Exercises
1.1.5	SELECT dive team personnel	Lecture and Practical Exercises

METHODS OF INSTRUCTION

(List the instructional methods used)

Lecture
 Demonstration
 Exercise/Practical
 Exercise
 Exam/Review
 Laboratory
 Role Play/Simulation (RP/S)
 Video Tape/DVD (VIDEO)
 Computer-Based Training (CBT)

Other:

WS-R.1: PILOT COURSE IMPLEMENTATION FORM

Please complete this form as thoroughly as possible and attach supporting materials as necessary.

Title of Course: Cold Water/Ice Diving Course	Course Start Date: 26 February 2010	Course End Date: 5 March 2010	Lecture Evaluation Date: 2/26/2010
---	---	---	--

INSTRUCTIONAL MATERIALS, EQUIPMENT & TECHNOLOGIES

(List materials required by the Instructor to present this lesson)

- Instructor Guide
 CG Addendum
 Computer
 PowerPoint
 Web Access
 Classroom
 Handouts
 Lab Exercise
 Role Play/Simulation
 Video Tape/DVD (VIDEO)
 Computer-Based Training

Other:

STUDENT MATERIALS

(List materials required by the student)

- Student Guide
 CG Addendum
 Desktop Computer
 Web Access
 SAROPS

Other:

ASSIGNMENTS

(List items required of the students)

- Pre-reading
 Pre-exercise
 Pre-Exam
 Pre-Computer-Based Training (CBT)
 Post-reading
 Exercise
 Exam
 Laboratory
 Computer-Based Training (CBT)

Other:

ASSESSMENT

(List the methods used to assess student learning):

Method of Assessment	System for Grading
Individual and group participation. Students were responsible for planning each dive with instructors adding feedback as needed.	Instructors observed the groups as they prepared and presented their dive plans. There was no formal grading done.

OBSERVATIONS

(TPO/EOs not met, major suggested changes to instruction, etc)

The TPO and all EOs were met.

SUGGESTIONS

(Minor suggested changes, etc.)

None

ADDITIONAL COMMENTS

None