

CLASSROOM PERFORMANCE SYSTEM – USAF BEST PRACTICE

MAJCOM/FOA/DRU: AETC Control Number: AF0000004020 **Entry Date:** 26 Sep 2006

POC's Name: SSGT KIMBERLY SHELLY

DSN 736-1699 / COMM 940-676-1699

Name of the Process: CLASSROOM PERFORMANCE SYSTEM

Name of Best Practice: CLASSROOM PERFORMANCE INSTRUCTIONAL TECHNOLOGY SYSTEM

Date Best Practice was Implemented: 01 Dec 2003

Process Owner: 382 TRS

Process Owner's Organizational Phone Number: DSN 736-2806 / COMM 940-676-2806

Organization and Address: 382 TRS, 929 MISSILE ROAD , S, TX 76311-2245 US

E-mail Address of Process Owner: 382TRSCC@SHEPPARD.AF.MIL

Summary of the Best Practice (How it Works, How it's Measured):

The Classroom Performance System (CPS) is an easy-to-use infra red response system that obtains immediate feedback from every student. The CPS provides a non-threatening environment allowing all students to participate without feeling intimidated. The CPS questioning techniques helps engage the learner by: focusing the learner on specific objectives, helping the learner practice retrieval and application of information to answer questions, providing opportunities for feedback allowing students to understand why they missed specific questions and providing opportunities for repetition within the learning process. The CPS has 35 remote devices that track individual student answers to multiple choice questions that are flashed up on a screen through a projector. This allows the instructor to conduct a comprehensive review prior to the written exams. After completion of the review the data is quickly compiled through the CPS unit and is used to conduct a précised review decreasing failures by identifying student's weak areas. The CPS may also be used as a computerized version of a Progress Checks.

No governing directives.

Impact on the Process/Organizational Performance (RESULTS):

Since implementing CPS, block test failures have been reduced approximately 20-25 percent. The reduction of block test failures has decreased the amount of Outside Student Individual Assistance and in turn decreases instructors overtime hours. A decrease was seen in attrition from the average of 13 percent to 9 percent. The decreased attrition rate saves the Air Force approximately \$51,000 per disenrolled student. During course critiques, students report feeling more comfortable studying with this system prior to taking block tests.

How the Practice was Qualified as Being a "Best" Practice:

Our unique and innovative computerized assessment system increases student learning while decreasing instructor overtime. This saves the Air Force money and helps retain critically-needed Med Lab students.

Validated By:

Organization: HQ AETC/A3TZ