

COVER SHEET

MODELS OF INNOVATION & BEST PRACTICES IN TEACHING & LEARNING AT UND

NAME : Leslie Martin and Elizabeth Bjerke

DEPARTMENT: Aviation

STRATEGY: Experiential and Service Learning

CLASS(ES) AND CLASS(ES) SIZE WHERE UTILIZED SUCCESSFULLY:

Aviation 490: Methods and Materials in Teaching Aviation I
Aviation 491: Methods and Materials in Teaching Aviation II

Class size is on the average of 5-7 students per semester.

STRATEGY'S APPLICABILITY: WHAT KINDS OF STUDENTS (FRESHMEN/ MAJORS/ GRADS, ETC.), COURSES, LEARNING ENVIRONMENTS, ETC.?

These are required capstone courses for students majoring with a BS in Flight Education taken in their senior year. Although these courses are geared for aviation students, the practices and concepts could be implemented in any field of study.

ABSTRACT OR SYNOPSIS OF STRATEGY YOU ARE SUBMITTING:

The strategies involved in these courses include both experiential and service learning. Students enrolled in the capstone courses are required to manage the Aerospace Learning Center which is staffed by volunteer instructor students and serves as a tutor lab for students enrolled in earlier flight courses. Through the management functions of running a successful learning center, the students learn how to effectively communicate, organize materials and manage people. Since this entire learning center is staffed and managed by volunteers, the students also learn the valuable lesson of giving back to their community of aspiring aviation professionals.