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BROWARD COLLEGE

Define yourself.

To: Members of the Board of Trustees

From: J. David Armstrong Jr., President

Date: April 28, 2009

Place: Regular Meeting of the Board of Trustees
Broward College
Willis Holcombe Center, Building #33, Boardroom #1208
111 East Las Olas Boulevard
Fort Lauderdale, FL

Subject: Agenda Item VII - C-Approval of Increased Cost of Air
Traffic Control Simulator

Brief Description:

Additional Board approval required to complete purchase of Air Traffic Control Simulator System from Adacel System, Inc.

Board of Trustees approved purchase of simulator equipment for Air Traffic Control program on 8/26/08 in the amount of \$896,437.00. To date, \$307,665 of equipment has been purchased. An investigative visit to manufacturer by Associate Dean, ATC Simulator Lab Coordinator and faculty revealed a need to upgrade the Tower Sim from a 252 degree display to 315 degrees for enhanced graphical displays emulating those at the FAA Academy. Total cost for upgraded Sim is \$635,763, which together with previous purchases exceeds the Board approved amount by \$46,991. This additional approval is requested to finalize Tower Simulator purchase.

Total approved by BOT 8/26/08	\$896,437
Total spent to date on ATC Lab Equipment	307,665
Approved Funds Remaining	588,772
Cost of Tower Simulator	635,763
Approval Shortage	- 46,991

Please note all funding has been secured and is in place and available.

Benefit to BC:

Recognition by local and nationwide collegiate institutions, the Aviation Industry and the Federal Aviation Administration for providing state-of-the-art simulation equipment in training Broward College students in the Air Traffic Control program.

Relationship to College Master Plan:

Provides industry expertise to diverse community of learners at an affordable cost.

Board Agenda Approved: _____
Date: _____

Agenda Item V 11-C
Enclosure _____

**BOARD OF TRUSTEES
AGENDA TRANSMITTAL SHEET**

To: President David Armstrong

Date: March 20, 2009

From: Vice President/Provost

Subj: Approval required to complete purchase of Air Traffic Control Tower Simulator

Issue: Board of Trustees approval required to complete purchase of Tower Simulator System due to increased cost of equipment in the amount of \$46,991 over that approved by the Board on August 26th, 2009.

Background/Analysis:

The Board of Trustees approved purchase of simulator equipment for the Air Traffic Control program from Adacel Systems, Inc. in the amount of \$896,437.00 on August 26th, 2008.

On January 27, 2009, the Board of Trustees approved the Air Traffic Control curriculum. The last piece of equipment required for the ATC Simulator Lab is the Tower Simulator System at a cost of \$635,763.00. Funding is available and in place. Current equipment purchases total \$307,665 leaving a need for approval of the remaining difference of \$46,991 to complete the purchase of the Tower Simulator.

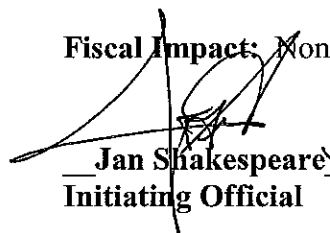
Radar Simulators and associated equipment purchases are installed and operating at a total cost of \$307,665. After an investigative visit to the manufacturer in Orlando by the Associate Dean, ATC Simulator Lab Coordinator and faculty, it was agreed the Tower Simulator System needed to be upgraded from a 252° visual display to 315° for enhanced graphical displays to emulate equipment used by the FAA at the FAA Academy in Oklahoma City.


The cost for the upgraded Tower Simulator equipment at \$635,763 is funded but total equipment purchased to date and including the Tower Sim exceeds the original Board approved amount by \$46,991.

Total approved by BOT 8/26/08	\$896,437
Total funds used to date	- 307,665
Funds Remaining	588,772
Tower Sim Cost	\$635,763
Shortage	- 46,991

(need approval to complete purchase / funds are in place and available)

Fiscal Impact: None. All funds have been secured and are available.

 Jan Shakespeare
Initiating Official

 Lourdes Cruz
Vice President/Provost

Staff Position:
Associate Dean Aviation

THIS RECOMMENDED ACTION MEETS THE FOLLOWING ELEMENT(S) OF THE COLLEGE'S MISSION STATEMENT:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Providing high quality educational programs | <input checked="" type="checkbox"/> Providing high quality services |
| <input checked="" type="checkbox"/> Providing for affordability to a diverse community of learners | <input checked="" type="checkbox"/> Providing for accessibility to a diverse community of learners |
| <input checked="" type="checkbox"/> Commitment to student achievement | <input checked="" type="checkbox"/> Commitment to lifelong learning |
| <input checked="" type="checkbox"/> Commitment to academic excellence | <input checked="" type="checkbox"/> Providing use of current technology |

**BRIEFLY DESCRIBE HOW THIS RECOMMENDATION ACHIEVES THE ABOVE
ELEMENT(S) IN THE COLLEGE'S MISSION STATEMENT:**

This state-of-the-art Air Traffic Control simulation equipment brings excellence in training and preparation to a diverse community of learners to fulfill a local and nationwide need for Air Traffic Controllers hired by the Federal Aviation Administration

Minority Firm: Yes ___ **No** **X** **N/A** ___ **Broward Firm: Yes** ___ **No** **X** **N/A** ___

revised 11/06
