

TO: BOARD OF TRUSTEES  
FROM: SUPERINTENDENT  
COMMUNICATION NO. 229-2008/09-AA  
Prepared by the Office of Academic Affairs  
for Presentation to the Board of Trustees  
June 8, 2009

SUBJECT: ACCEPTANCE OF MASTER/SENIOR STRUCTURES MECHANICS AEROSPACE  
GRANT - ECONOMIC AND WORKFORCE DEVELOPMENT PROGRAM

A. BACKGROUND

This grant is a responsive training fund for incumbent workers awarded through the California Community College Chancellor's Office. Through this project, AVC will provide in-depth and refresher level technical training to entry level aerospace workers. Training will specifically address the identified needs of the employees related to composites technology assembly and repair aerospace structural assembly principles and practices, and aerospace issues and ethics.

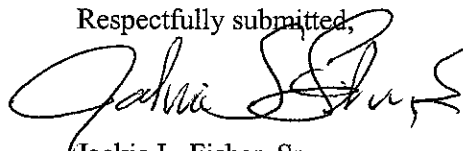
B. BUDGET IMPLICATIONS

The grant will be for a total amount of \$341,401 and will begin June 1, 2009 and end June 30, 2010.

C. RECOMMENDATIONS

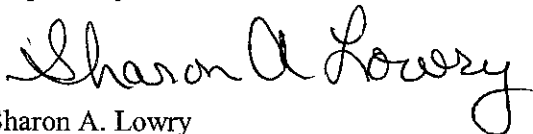
It is recommended that the Board of Trustees accepts the grant with the California Community College Chancellor's Office.

Respectfully submitted,



Jackie L. Fisher, Sr.  
Superintendent/President

Prepared by:



Sharon A. Lowry  
Vice President of Academic Affairs

Office of Academic Affairs

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ACCEPTANCE OF MASTER/SENIOR STRUCTURES MECHANICS AEROSPACE GRANT - ECONOMIC  
AND WORKFORCE DEVELOPMENT PROGRAM

## ECONOMIC AND WORKFORCE DEVELOPMENT PROGRAM APPLICATION ABSTRACT

<b>RFA Specification No.:</b> 08-0332 _____	
<b>RFA Specification Title:</b> Responsive Training Fund for Incumbent Workers _____	
<b>Amount Requested:</b> \$341,401 _____	
<b>Facility:</b> Antelope Valley College _____	<b>Project Director:</b> Margaret M. Drake _____
<b>Address:</b> 3041 West Avenue K _____	<b>Phone:</b> (661)722-6300 ext 6327 _____
<b>City, State, Zip:</b> Lancaster CA 93536-5426 _____	<b>Fax:</b> (661)722-6329 _____
_____	<b>E-Mail Address:</b> mdrake@avc.edu _____

Through this project, Antelope Valley College (AVC) will provide in-depth and refresher level technical training to entry level and master/senior structures mechanics in composites technology, metals fatigue, quality control problems, interpreting technical drawings, calibration of precision test equipment, fundamentals of electricity, and aerospace ethics. The training is specific to the aerospace industry and is intended to meet the needs of Northrop Grumman Corporation (NGC). Training will specifically address the identified needs of the employees related to composites technology assembly and repair, aerospace structural assembly principles and practices, and aerospace issues and ethics. Training will be delivered to approximately 48 recently hired mechanics and 100 experienced mechanics with all employees receiving the aerospace issues and ethics training. Master/senior mechanics will also have the opportunity to earn a national aerospace technician certification to validate the breadth and depth of their knowledge and skills. Employee training needs will be assessed. Then they will be clustered into appropriate sized groups based on common training needs and appropriate class size. Once the training has been completed or the certification credential has been earned, employees will be awarded college credit applicable towards a Certificate of Achievement and Associate Degree at AVC. All employees will also receive counseling regarding opportunities to continue their formal education at AVC or other institutions.