



ANTELOPE VALLEY COLLEGE

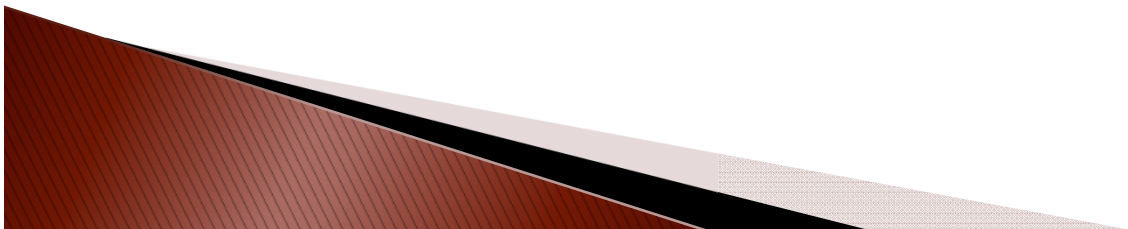
**Proposal for
Airframe Manufacturing Technology Baccalaureate Degree**

Maria Clinton and Dr. Karen Cowell

December 8, 2014

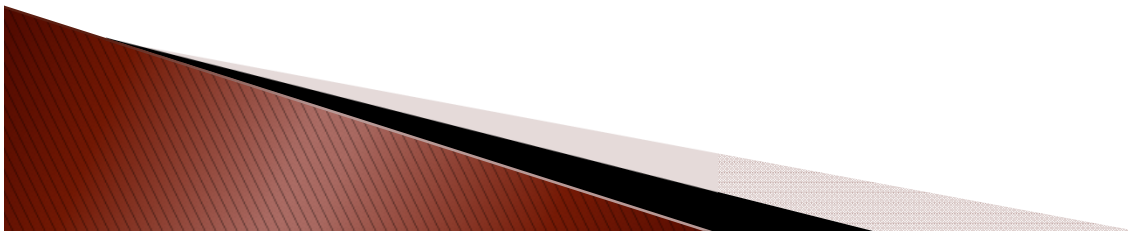
Background: SB 850 (Block)

- ▶ Signed by Gov. Brown on Sept 28, 2014
- ▶ Allows 15 pilot projects for baccalaureate degrees at California community colleges
- ▶ Process for selection is competitive
- ▶ Degrees offered by community colleges cannot duplicate any degree offered by the CSU's or UC's



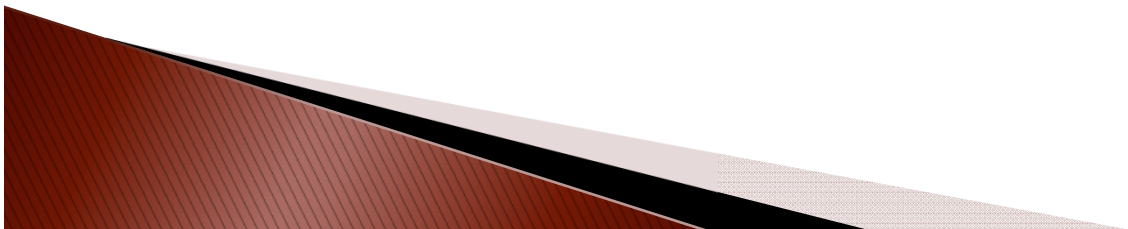
AVC Proposal for BS Degree

- ▶ Fit college mission
- ▶ Meet industry and student demand
- ▶ Meet ACCJC accreditation standards
- ▶ Build on existing infrastructure, curricula, resources, industry partnerships, and faculty



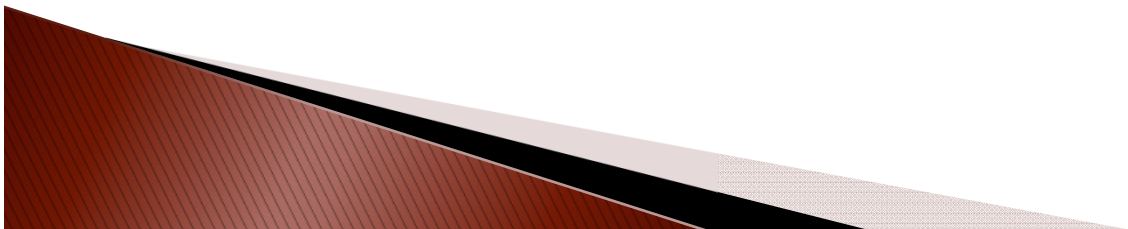
Design of Proposed Curriculum

- ▶ Builds on the aircraft fabrication program
- ▶ Adds upper division and general education comparable to CSU requirements
- ▶ Prepares graduates for positions in aviation leadership: Shop foreman, lead technician, director of manufacturing



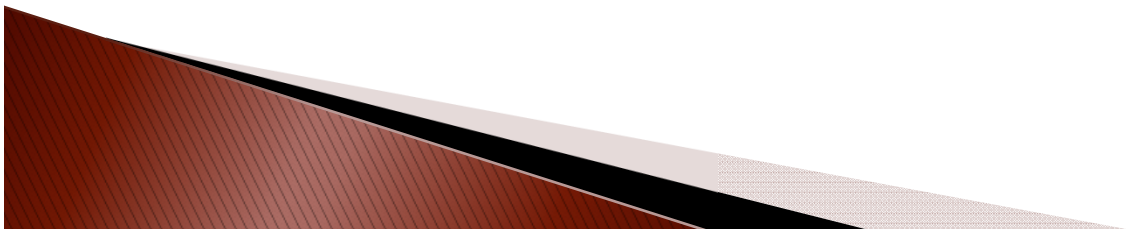
Industry & Student Support

- ▶ The Spaceship Company (25 graduates)
- ▶ Lockheed Martin Corp.
- ▶ Northrop Grumman Corp. (potential of 100 employees would be interested)
- ▶ AVC students in aircraft fabrication, airframe & powerplant, and electronics: 183 of 186 expressed interest



Student Comments & Concerns

- ▶ Accreditation of the program
- ▶ Industry acceptance
- ▶ Decreased cost (tuition, fees, travel, time)
- ▶ Enhancement of career opportunities
- ▶ Builds on reputation of existing aviation programs



Timeline in Brief

- ▶ December 19, 2014: Submit proposal
- ▶ January 21, 2015: Chancellor's Office notifies programs that are selected
- ▶ March 16, 2015: Funding model submitted to Board of Governors
- ▶ 2017–2018: Program begins no later
- ▶ June 30, 2023: Pilot programs end

