

**FACULTY NEEDS ASSESSMENT APPLICATION**  
**Fall 2015**

Name of Person Submitting Request:		<b>Tarif Halabi</b>
Program or Service Area:		<b>AERONAUTICS</b>
Division:		<b>Applied Technology, Trans. &amp; Culinary Art</b>
Date of Last Program Efficacy:		<b>2/25/2014 ( 2 year Mini CTE Review)</b>
What rating was given?		<b>Continuation</b>
# of FT faculty: 0	# of Adjuncts: 4	Faculty Load: 5.98
Position Requested:		<b>ONE TENURE TRACK FACULTY POSITION</b>
Strategic Initiatives Addressed: (See Appendix A: <a href="http://tinyurl.com/l5oqoxm">http://tinyurl.com/l5oqoxm</a> )		5.2.4 2.5(student Success

Replacement  (The position was eliminated after 2014) Growth

1. Provide a rationale for your request.

A full time faculty is needed for a program with current FTEF of 5.98 and average FTEF of 6.29 over five years. The only fill-time faculty and chair for the department has retired and program management was handled by the Dean of technology for about a year until the chair of the Electricity/Electronics department has assumed chairman responsibilities even-though aeronautics is really not his subject of expertise.

Without a full time faculty, it is impossible to grow or build a program, update curriculum and support record keeping to align with FAA regulations and standards. The program is one of the oldest in SBVC and has historically always had a full time faculty to manage and maintain the department which has to strictly comply with FAA standards and procedures.

2. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

EMP data indicates that the number of certificates issued has drastically dropped from 42 to 4 within one year. This is due to the fact that the part time faculty that are overseeing the program have concentrated in getting the students to pass FAA examinations and get their FAA certificates only and not concentrate on the more comprehensive SBVC certification. Again this should not happen if a full-time, subject matter expert is hired to maintain the program. In addition, retention rate also dropped to 90% . Although that continues to be a good rate, but will definitely be affected if the program remains without a full-time faculty. Success rate slightly increased.

The FAA monitors student test results for FAA certification and indicated that SBVC students are performing at a rate at which 88% of the students are passing at a level higher than the national average. The dept. continues to seek industry and community support for equipment that may be used for training purposes. Over the last 2 years three new aircraft have been added from

private and industry donations to maintain a quality student training environment with the efforts of the retired full-Time Faculty. So it is apparent that a full time faculty is urgently needed.

3. Provide updated or additional information you wish the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.*).

The Aeronautics Department is highly regulated and monitored by the Federal Aviation Administration (FAA). Monthly reports and compliance requirements must be met in order to continue providing the approved courses/programs per Federal Aviation Regulations guidelines. All of the above cannot be sustained without a Full time Faculty and heroic efforts can be mounted by the Dean and Electronics chair but can only achieve partial results.

4. What are the consequences of not filling this position?

The program is not sustainable without the guidance of a full time faculty with subject matter expertise. It will slowly deteriorate and lose enrollment. It will also affect the quality of the program and adherence to the mandated FAA requirements. If a full time faculty is not hired, the effect would be a slow and steady discontinuance of the program.