



**CTECC (Career & Technical Education Coordinating Committee)
PROGRAM ADVISORY COMMITTEE SELF EVALUATION**

Program Committee Name:	<u>Aviation Maintenance</u>
Advisory Committee Members	
Advisory Chair:	<u>Derek Burge, Location Manager with FlightCraft</u>
Committee Coordinator or Chair:	<u>Keith Bird</u>
Program Director:	<u>Harvey Birdseye</u>
Committee Review Date and Time:	<u>Tuesday, May 15, 2007 at 7:30 am</u>

Instructions: Please fill in your response to each question in the yellow section (short bullet points are best). The yellow sections will expand to accommodate the data you type in. When the form is completed please forward by e-mail, at least one week prior to the committee interview, to Phoebe Anderson in Cooperative Education at andersonp@lanecc.edu. Thank you. We look forward to meeting with you and your committee.

Rating Scale: E=Excellent ME=Meets Expectations NI=Needs Improvement
NA=Not Applicable +*=Performance deemed exemplary by Committee

E

1. Committee Accomplishments

- 1 A. *1) Describe your advisory committee and what types of businesses or organizations are represented in your committee. 2) How many are in your committee? 3) How often do you meet?*

1. Mechanics for FBO's , mechanics and supervisors from helicopter operators, retired LCC AMT Program faculty.
2. Eleven members from the community.
3. Once each term.

- 1 B. *What are 3-5 outcomes that have been accomplished by your committee?*

1. New computer teaching lab installed:
2. New Equipment for the NDT (Non-Destruct Testing) lab:
3. New building added to the RTS complex on the airport.
4. Major plan underway to move the entire AMT program to the airport beginning Fall Term 2007.

- 1 C. *How did your advisory committee help with achieving those goals?*

The most significant input was information about industry trends and industry needs: much of the industry is going heavy into web-based technology. The industry leaders have expressed a very real need for recurrent training for their technicians which is potentially a product that the college could provide.

- 1 D. *Describe your committee efforts in developing and generating community support.*

Faculty and the Director together with the committee chair are frequently in communications with industry leaders. Evergreen International has offered Bell Helicopter factory training slots for AMT students: Evergreen has been actively recruiting technicians and offering summer employment and internships.

Horizon Air will be offering an unlimited number of scholarships to students in the AMT program for an unlimited period into the future beginning fall term 2007.

Flightcraft, Friendly Aviation, Lawrence Air and several of the airline companies in Eugene actively recruit Lane students.

- 1 E. *What do you think are the committee members' strengths and weaknesses?*

Strengths are very good technical knowledge and experience base: weakness is in the areas of marketing and recruiting.

ME

2. Committee Involvement in Planning and Design

- 2 A. *What is the committee's involvement for keeping your program "state of the industry?"*

Most input comes via the Advisory Committee Meetings.

- 2 B. *What staff development does the committee suggest your staff needs to meet future program skill needs?*

It is obvious that web-based programs for initial training and recurrent training is becoming significantly more important. State-of-the-art shops have laptop/wireless computer capability so the technicians have direct access to specifications for all major makes and models of aircraft from internet resources.

- 2 C. *What is your committee's involvement in planning and design of the program?*

At this point the committee has limited input related to planning: major reason is many members are not local so access to their input is limited, and the plan to move the AMT program to the airport is, at this stage, largely an internal project involving college resources.

NI

3. Gender, Disability Adaptation, and Diversity

- 3 A. *How has your committee encouraged gender balance and diversity in your program student population?*

The industry has a history of having few women actively engaged. It is recognized that women represent a very large and essentially untapped segment of the market total potential workforce. This has prompted an effort on the part of the Lane Aviation Academy to establish a (WiA) Chapter – Women in Aviation International chapter hosted by Lane, April 14th, was the second annual Women in Aviation Careers Conference co-sponsored by Lane and WiA. The objective is to inform and encourage women to enter the industry.

- 3 B. *How does your committee assist students with special needs to successfully reach program outcomes?*

We have no experience dealing with students having special needs that also require "special" support.

NI **4. Program Demand / Enrollment**

- 4 A. *1) What does your committee think of regional projections and how are you dealing with this? 2) What does your committee say about these and local needs?*

Virtually all projections for the aviation industry are regional. Opportunities in the industry are essentially unlimited as there is a projected need in the industry for 10,000 technicians for the period 2002-2012.

The larger market potential literally can be numbered in the thousands: One reason is FAA certificated technicians are in high demand by many industries other than in Aviation. Five years after FAA certification 60 percent of the technicians are no longer working the aviation field. The AMT program at Lane could train a skilled workforce in many industries.

- 4 B. *Describe the enrollment trends and capacity in your program?*

Since 9/11 the enrollment dropped from about 70 to about 40 and it has remained stable at about 40. The program capacity is still about 70.

E **5. Placement / Employment**

- 5 A. *How would your committee rate the exit math, writing, and interpersonal skills of students who complete your program?*

Considering students exit the program as technicians, the math, writing and interpersonal skills are adequate.

- 5 B. *How does your committee know that the students are graduating with the appropriate skills and level needed by the employers?*

The best measures are derived from employers: the second important indicator is after about two years after program completion. Most graduates are no longer working as mechanics on aircraft – most have been promoted to lead or supervisor positions or they become business owners.

- 5 C. *How does your committee follow-up with your graduates or transfers?*

There is no real formal process: however, the coop-ed folks work with the same set of employers year after year and the faculty often relate to employers as well. The aviation industry is actually a comparatively close community with a very active informal communications network.

- 5 D. 1) *What are the outcomes (placement rate, transfer, etc.) of those students who participate in your program?* 2) *How is your advisory committee involved?*

Considering those graduates who wish to work, the placement rate is 100 percent. Several advisory committee members are employed by companies that hire the Lane graduates.

ME

6. Secondary / Postsecondary Connections

- 6 A. 1) *How does your program connect with high schools?* 2) *Is your committee involved?*

The Lane Aviation Academy actively participates in all high school and community careers programs that are offered in the county. Typically the advisory committee is not involved as most members are employed and not available during the event times. However, there is an effort underway to recruit Horizon Air and perhaps Evergreen International to participate in a Saturday Aviation Careers Jobs fair late in the spring term and again in the late summer as a part of the Eugene Air Fair event.

7. Questions for the CTECC Interview Committee

- 7 A. 1) *What questions do you have for us?* 2) *How can we support you?*

1. Effective marketing is a major challenge. There are literally thousands of jobs available in the industry and we have a very limited capability for effectively marketing our product. With an aggressive marketing plan the program could easily be filled to capacity.

2. There is a lot of scholarship money and grants in the world but we have extreme time constraints to do searches and write proposals. Free money is costly in terms of time and effort. Generally, the AMT faculty are not skilled in grant searching.