Commercial Aviation  
Honolulu Community College  
Fall 2009 Annual Assessment Report  
Covering the Fall 2008-Spring 2009 Semesters

**College Mission Statement**
Honolulu Community College’s mission is to:

- Serve the community as an affordable, flexible, learning centered, open-door comprehensive Community College that meets the post-secondary educational needs of individuals, businesses, and the community.
- Serve the Pacific Rim as the primary technical training center in areas such as transportation, information technology, education, communications, construction, and public and personal services.

**Program Mission Statement**
The Commercial Aviation Program’s mission is to serve Hawaii, the nation and the Pacific Region as the primary technical training center in aviation by offering a rigorous pilot flight training curriculum, meeting basic Federal Aviation Administration (FAA) requirements to train and earn FAA certifications leading to careers as professional commercial pilots within the aviation industry.

**Part I: Quantitative Indicators for Program Review**

<table>
<thead>
<tr>
<th></th>
<th>Fall of Year</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
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<tbody>
<tr>
<td>Annual New and Replacement Positions State</td>
<td>C/P</td>
<td></td>
<td></td>
<td>54</td>
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<td>Annual New and Replacement Positions County</td>
<td>C/P</td>
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<tr>
<td>Number Majors</td>
<td></td>
<td>71</td>
<td>65</td>
<td>44</td>
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<td>SSH for Program Majors all Program Classes</td>
<td></td>
<td>354</td>
<td>302</td>
<td>201</td>
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<tr>
<td>SSH for non program majors in all program classes</td>
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<td>14</td>
<td>16</td>
<td>0</td>
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<tr>
<td>SSH for all students in all program classes</td>
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<td>368</td>
<td>318</td>
<td>201</td>
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<tr>
<td>FTE Program Enrollment</td>
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<td>24.53</td>
<td>21.20</td>
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<td>Number of Classes Taught</td>
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<td>8</td>
<td>8</td>
<td>7</td>
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<td>Average Class Size</td>
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<td>13.63</td>
<td>11.50</td>
<td>8.43</td>
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<td>Class Fill Rate</td>
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<td>57.37</td>
<td>48.42</td>
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<td>FTE (headcount) of BOR Appointed Program Faculty</td>
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<td>0.00</td>
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<td>Student/ Faculty Ratio (calculated field)</td>
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<tr>
<td>Number of Majors Per FTE (workload) Faculty</td>
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<td>34.76</td>
<td>27.50</td>
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<td>Program Budget Allocation</td>
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<td>Cost Per SSH (Calculated field)</td>
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<td>Number of classes that Enroll less than 10 students</td>
<td>3</td>
<td>4</td>
<td>4</td>
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<td>Persistence Fall to Spring</td>
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<td>67.61</td>
<td>63.08</td>
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<td>Number of Degrees Earned</td>
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<td>Number Certificates Earned</td>
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<td>Number of Students Transferred</td>
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<td>3</td>
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<td>Perkins Core Indicator - 1P1</td>
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<td>N/A</td>
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<td>Perkins Core Indicator - 1P2</td>
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<td>Perkins Core Indicator - 3P1</td>
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</table>
Part II: Analysis of the Program

- List the names of your instructional faculty who taught in the Fall 2008 / Spring 2009 semesters.
  
  Rothe, M. William

- List the names of your instructional lecturers who taught in the Fall 2008 / Spring 2009 semesters.
  
  Dixon, Robert  
  Fukuji, Herbert  
  Madriaga, Aaron  
  Oura, Jarrett  
  Souza, Melvin

- List the names of any non-instructional (support) faculty or staff in your program for the Fall 2008 / Spring 2009 semesters (if not applicable, just skip).

  Richard Hargrave

- What are the strengths of this program?

  The AVIT program is currently the only option in the entire State of Hawaii offering college credits and degrees for flight training. Commercial flight departments require a degree for employment, making HCC’s AVIT program the sole avenue for a student wishing to pursue a professional aviation career without leaving the state.

  The AVIT program

  - What are the weaknesses of this program?

    The program has excellent infrastructure, aircraft, and personnel. However, the existence of the program and its unique position as a pathway to a professional career is almost unknown in the local community.

  - What opportunities exist for the program?

    Although opportunities for the program and its graduates have declined from expected values due to the economic situation, employment figures from the Bureau of Labor Statistics continue to show a need and increase in pilot, copilot, and flight engineer positions. Domestic net job growth to 2016 is estimated to be 45,000 positions, an increase of 12.4%. Opportunities also exist for training of foreign pilots, and should be concentrated on Asian and Pacific populations and air carriers who require U.S. pilot certification.
- **What challenges (threats) exist for the program?**

  Program cost remains the most challenging aspect for students and is the largest stumbling block preventing completion. Instructional costs to complete the two years of flight training are approximately $42,000.

  The Pacific Aerospace Training Center director and administrative assistant positions have been eliminated, and a challenge will be to provide some continuity to the leadership and administration of this program.

- **Are the measurement of your Program and Course SLOs providing adequate information to evaluate student learning or should new measures be developed?**

  Program SLOs are adequate and measurement of achievement is indicated by the number of Federal Aviation Administration certificates awarded.

  Course SLOs are currently inadequately defined, and therefore the measurement of these criteria will need to be investigated.

- **How do you know that students are achieving your stated Program SLOs?**

  Program achievement is identified by the earning of the FAA certificates for which the program prepares the student.

- **What kinds of evidence can you provide? (You don’t have to include the evidence in this report. Just list some of the ways that you collect evidence on student learning. Examples include knowledge surveys, projects, writing samples, observations, portfolios, performance tests, capstone experiences, etc.)**

  Classes which have a flight training component are not completed and no grade is awarded until the student has earned the appropriate FAA certificate. Earning the certificate requires passing oral, written, and practical tests which are administered by personnel outside of Honolulu Community College. The passing rate of AVIT students is nearly 100% and reflects achievement of the program SLOs.

- **Does the program have sufficient resources to promote student learning? Are other resources needed such as personnel, facilities, or equipment? If additional resources are required, what evidence/rationale is there to support this?**

  Resources are currently adequate to meet student needs.

- **Do all of your instructors (both faculty and lecturers)) include the course (not program) SLOs into their syllabus? How do you ensure that everyone is doing so?**

  Course SLOs are available online are required to be a part of each lecturer’s syllabus.
Where do the instructors get the course SLOs from? (Do they get them from the program coordinator? From the division secretary? From the HCC Website?)

AVIT has been removed from the divisional structure of Honolulu Community College, and is therefore currently lacking a coordinator, secretary or division chair. SLOs are available on the website.

Are all safety issues addressed?

All aspects of safety are stressed daily and before each flight. All classes taught in the AVIT curriculum have some component of safety in them. Each student must complete a three credit class on safety in order to fulfill the degree requirements.

Part III: Action Plan

What tasks/goals have you accomplished from your previous action plan items on last year’s annual review report (include any strategic planning items that were funded / not funded – if not funded, where was your item prioritized on the strategic plan)?

The previous action plan included curriculum submission and acceptance by the FAA. This is still an ongoing process and has not been completed. Courseware has been revised to reflect the requirements for acceptance by the FAA.

What tasks/goals have you set for the upcoming year (Fall 2009 / Spring 2010)?

Goals included FAA acceptance and approval of the curriculum, formulation of complete and accurate SLOs for each course, resurrection of the Advisory Committee, and the creation of an Interdisciplinary Studies degree with an Aviation Concentration at UH Manoa.

Who will be responsible for completing these tasks/goals?

FAA certification will be accomplished by the contracted flight agency, Galvin Flight Services Hawaii LLC. The acting coordinator, Evelyn Greene, will oversee and assist the current lecturers in the creation of accurate SLOs for each course. Ms. Greene will also form and convene an Advisory Committee meeting, and will work with the Interdisciplinary Studies Program administrators at Manoa.

What is the timeline for achieving these tasks/goals?

Certification should be complete by November 2009. Course SLOs will be complete for five classes Fall of 2009, and the remaining two classes in Spring of 2010. The Advisory Committee will meet early Spring of 2010. The creation of an ISP degree will depend on the resources available at Manoa.
Part IV: Resource Implications (physical, human, financial)

- Are there any budgetary impacts for carrying out your action plan?

  There are no requirements for additional moneys for any item in the action plan.

- Do any of your action plan items require integration into the strategic plan? (If so, have you notified your division chair / Dean of this action?)

  There are no additional requirements for the Strategic Plan.

Part V: Strategic Planning Items

- Does your program have any funding requests on the current strategic plan (equipment, positions, etc.)? If yes, please write an explanation on how your program review report supports the need to fund the program’s strategic plan request.

  There are currently no funding requests.