



DATE: November 13, 2013

TO: Lane Community College Board of Education

FROM: Dawn DeWolf
Executive Dean, Academic Affairs

RE: Highlights that are featured as part of the Board Report

ADVANCED TECHNOLOGY:

Contact: Patrick O'Connor, Dean, Advanced Technology, o'connorp@lanecc.edu, 541/463-5710

The Aviation Maintenance Technician and Flight Technology programs of the LCC Aviation Academy received an extra boost earlier this fall with updated signage at the Airport facility.

Thanks to the work of Tracy Simms, Executive Assistant to the President, and Funk/Levis Associates of Eugene, these new signs "brand" the buildings housing these two well-established and popular programs at the Eugene Airport.

Lane's oldest program, the *Aviation Maintenance Technician* course of study prepares technicians to repair and maintain the operating condition of aircraft, and qualify for the Federal Aviation Administration (FAA) certification exams (oral, written and practical) for the airframe and powerplant airman's certificate. The *Flight Technology* program prepares students for successful careers as pilots in the air transportation industry. These programs lead to jobs in high demand throughout the country.

For more information about these programs, contact the Aviation Academy at [541 463-4195](tel:5414634195) or visit the College's website at www.lanecc.edu/aviationacademy.



Kevin McDaniel has been selected as the Aviation Maintenance Technology (AMT) Student of the Month for October 2013.

"In addition to a full class load, Kevin has been juggling a job, tending to a sick child and spending many hours of his own time to tutor a classmate," according to AMT Faculty Member Larry Stapley. Kevin is also a Co-Crew Chief on the Lane County Sheriff's helicopter that is stationed at the Airport. Due to his efforts, that aircraft performed brilliantly during a recent flight. He is pictured in front of a former Air National Guard Helicopter that resides in the AMT Building.



Recently, approximately twenty people from the local business community and the College attended a free presentation on 3-D Rapid Prototype Technologies sponsored by The Society of Manufacturing Engineers (SME) Chapter 423 and the Advanced Technology Division.

Daniel Searle, Business Development Manager, from Solid Concepts presented "Additive Manufacturing, Changing the Future of Product Development and Manufacturing through 3D Printing." He covered the fundamentals of rapid prototyping (3D printing) and how additive manufacturing can help designers create better products faster and for less cost. He also discussed how large and small companies are utilizing additive manufacturing (AM) to gain the advantage of getting the right product to market faster than competitors, and finally showed how manufacturing engineers are utilizing AM and other technologies to create jigs and fixtures, check gauges and low volume end use parts.

There was a special highlight on Direct Metal Laser Sintering (DMLS) which makes 3D parts with nearly perfect density using 17-4 Stainless Steel and Inconel 625. DMLS is used for prototypes and end use parts.

For those interested in obtaining more information about this topic and The Society of Manufacturing Engineers (SME) Chapter 423, please contact Kyle Coats at CoatsKyle@aol.com or [\(541\) 914 0898](tel:5419140898).



ENGLISH AS A SECOND LANGUAGE & INTERNATIONAL ESL:

Contact: Cathy Lindsley, Dean, English as a Second Language, lindsleyc@lanecc.edu, 541/463-5441

English as a Second Language Department faculty Colleen Shields, Diane Daudt and Indira Bakshi attended and presented at the annual WAESOL (The Washington State affiliate of international organization Teachers of English to Speakers of Other Languages or TESOL) on Saturday, Oct. 19, 2013 at Highline Community College.

They were selected to present on their work at the ESL Downtown Campus and Downtown Center over the last two years, integrating, community, civics instruction and the Oregon Adult Basic Learning Standards with teaching reading, writing, listening and speaking skills and was titled

"Community, English Language/Civics, and Learning Standards - Yes, we can!"

They also attended workshops related to teaching grammar, writing for Arabic speakers, using technology in the classroom, teaching vocabulary and lexical bundles, and international orientation programs. Faculty Professional Development funds supported their attendance.



INTERNATIONAL PROGRAMS:

Contact: Jennifer Falzerano, Director, International Programs, falzeranoj@lanecc.edu, 541/463-3413

Creativity for Peace, International Programs, the Foundation, and Peace Initiative were pleased to offer three events kicking off the Peace Makers Project. Events were held in the Longhouse, CML, and Temple Beth Israel, highlighting the peace work Lane students Ms. Yaara Tal and Ms. Deema Yusef are engaging in their home countries of Israel and Palestine. Yaara and Deema shared their personal stories about coming to understand the “other”, the possibility for peace, and engaged the audiences in discussion. Over 200 Lane students and Eugene community members participated in the events. Through the Peace Makers Project, Deema and Yaara will participate in peace courses at Lane and will speak at events throughout Lane County on the topic. Information is available to the public and presentations can be requested at <http://www.lanecc.edu/international/peace-makers-project>.



SCIENCE:

Contact: Sarah Ulerick, Dean, Science, ulericks@lanecc.edu, 541/463-5447

Kristen Roney, University of North Georgia, and Sarah Ulerick, Lane Community College, recently published an article entitled *A Roadmap to Engaging Part-Time Faculty in High-Impact Practices*. A brief description of the article is: Part-time faculty account for more than two-thirds of the corps of instruction for community colleges in the United States. While the hiring of part-time faculty certainly increases institutional financial flexibility in times of rapid enrollment changes, recent studies indicate that community college students who have a significant percentage of their coursework taught by part-time instructors experience lower transfer and degree completion rates. If we rely heavily on the part-time faculty teaching corps and do not provide necessary support—even to allow for such faculty to have significant presence on campus—how can we expect to achieve our goals for the quality and completion agendas? The full article can be found at: <http://www.aacu.org/peerreview/pr-SU13/Roadmap.cfm>.

STUDENT FINANCIAL AID:

Contact: Helen Faith, Director, Student Financial Aid, faithh@lanecc.edu, 541/463-5266

The October 16th launch of SALT, Lane's new financial literacy and student loan default prevention membership program, has gone exceptionally well so far, with over 26% of full-time Lane students activating memberships during the first two weeks. SALT staff remarked upon this outstanding level of engagement, though more work is needed to engage part-time students, of whom only about 1% have joined SALT so far. Students have found the loan management tools to be easy to use and helpful. One student even described the budgeting lesson as not only informative, but surprisingly fun. We will continue to promote this valuable resource to students, helping them to make the most of their limited funds while in school and providing much-needed information to help them make wise loan borrowing decisions.