

Sept. 29, 2008

Issue L



Hydrogen Technology Research at Centennial



“The Eagle has Landed!” SoT and SETAS have launched a research project to explore applications for hydrogen as a fuel source for internal combustion engines. For this project, Centennial is partnering with Aquarius Energy, a company based in Shanghai, China. Last week, Aquarius delivered a prototype hydrogen generating system that produces hydrogen by electrolyzing water. This equipment has the ability to produce hydrogen gas on-demand, eliminating the problems associated with hydrogen storage.

As this is a brand new technology, the first order of business will be commissioning the equipment for operation in Ontario. If this is achieved, Centennial can begin to examine the feasibility of harnessing hydrogen as a supplementary fuel source for engines.

In the picture above are John Murphy, Dave Chyznak and Alan McClelland (SoT), Herb Sinnock (SETAS), 3 engineers from Aquarius and 2 Freightliner MAP students.

Wheels & Wings

We're on the Web!

See us at:

centennialcollege.ca

Embedding Social Justice into the Curriculum



Professor John Bissonnette has been involved with the development and delivery of Centennial's SLE since its inception. We asked John to submit a few words of advice that may be helpful to faculty in their efforts to embed best practices into their classrooms. The following is his initial submission:

Global Citizenship in the Classroom

As the college moves forward with the Signature Learning Experience faculty are challenged to understand and try to embed some of the outcomes. I encourage all faculty to attend some SLE training that is provided by COLT.

Here are some simple concepts that can be used in any course. At the beginning of a new course, create an environment that shows respect for diverse opinions, values and belief systems. This can be achieved by talking about your own identity and culture and encouraging students to do the same in an atmosphere of respect. Students working in diverse groups are encouraged to interact with each other and develop effective working relationships. (J. Bissonnette, Sept 24)

All staff members are invited to submit ideas on classroom practices that have helped students to grow in their understanding of Social Analysis and Social Action.

Pay Your Fees Early Contest

This year, the School of Transportation (SoT) piloted a contest for all first year students, encouraging them to 'pay their fees early' and be entered in a draw to win a \$150.00 Snap-On gift certificate. In total, 490 students, across thirteen different program areas, paid their fees before the July/10/2008 deadline and were entered in the draw.

Jason Farley (Executive Vice President of the CCSAI), **Melissa Miller** (CCSAI Ashtonbee Campus Vice President) and **Sue Allen** (Coordinator of Women in Skilled Trades) assisted Dean Randev in pulling the winning names on Sept/19/2008 in the Dean's office. The following are the thirteen lucky winners: **Sang Chul Moon (Aircraft Maintenance)**, **Jamar Robert Black (Avionics Maintenance)**, **Bruno Raso (Motive Power-Admin.)**, **Zhong Qiang Wang (Motive Power-Tech.)**, **Joseph Adam Schiralli (Truck/Coach)**, **Alex James McCallum (Heavy Duty)**, **David Chalk (AST)**, **Cristian Leiva (Motorcycle & Power Sports)**, **Matthew John Shopman (Autobody Repair Techniques)**, **Fenglin Liu (Freightliner)**, **Ahmad Taheri Jenabi (Volvo/Mack)**, **Idris Dagdelen (Canadian Tire)**, and **Wu Lin (AST Truck/Coach)**. Each winner received a \$150 Snap-On Gift Certificate.



View the SoT video (2 minutes) by clicking [here](#)