Greetings! SUNY Canton’s Canino School of Engineering Technology is well into the fall semester and there are many signs of continuing growth. To place the School’s goals and progress in proper perspective, we start with our mission:

*The Canino School of Engineering Technology at SUNY Canton provides opportunities for students to acquire knowledge and practical skills necessary to begin a career in engineering technology. The School is dedicated to providing high quality academic opportunities in a nurturing and culturally diverse environment through a variety of instructional formats. Faculty members are encouraged to expand knowledge through research.*

A few news items are listed below to bring you up to date with our activities, and we also share our views of what is planned over the next several years.

**ASCE/AISC Student Steel Bridge Competition:** #2 in the Nation! The 2006 National Student Steel Bridge Competition was held in Salt Lake City, where the SUNY Canton team placed second overall immediately ahead of the University of Wisconsin, Clemson, and Georgia Tech. The team took first place in the upstate New York regional competition. The NSSBC is sponsored by the American Society of Civil Engineers (ASCE) and the American Institute of Steel Construction (AISC), included teams from Cornell, RPI, and Clarkson, to name a few. Canton's ASCE Student Club (formerly the Construction Club) has an array of activities ranging from creating web pages to community service project and construction work for the college community. Membership is strong, and students benefit significantly from its national successes by demonstrating their ability to innovate and compete successfully against all comers. Alumni, faculty, friends and corporate sponsors have provide important support and the Club members are grateful. Want to see a winning bridge? It is on display in Nevaldine and you can schedule a tour of our facilities.

**C5OET Faculty** – Last year saw the retirement of Prof. Alex Neubert (Physics). Also, C5OET has added to its ranks. Joining C5OET are Brandon Baldwin (Automotive), Dr Stephen Frempong (EET), Neil Haney (Motorsports), Rich McAdam (HVAC), Dr John Zielinski (Physics), and myself. We now commence a search for six additional faculty members to help meet the School’s growing needs and responsibilities.

**Solar Boat Team** – In conjunction with the mobilization of our newest four-year program, Alternative & Renewable Energy Resources (A.R.E.A.), SUNY Canton is launching its entry into a solar powered boat competition, referred to as Solar Splash. Hull assembly will begin in a few weeks and students will commence developing the power train. The American Society of Mechanical Engineers (ASME) sponsors this competition each summer in a national competition of colleges and universities.

**Machine Shop** – This resource has arguably become the best machining facility in New York State for CNC (Computerized Numeric Control) work. This fall a CNC Vertical Milling Center and a Coordinate Measuring machine were added to complement the existing eleven CNC Lathes. Also, the grinding and foundry rooms have been completely renovated, and a new set of heat treatment ovens will be arriving soon.

**Automotive** – It is a goal of the AAS program achieve basic NATEF (National Automotive Technical Education Foundation) certification in 2007 and to develop a four-year program that will provide master certification. This will differentiate Canton from other programs and set the stage for additional external support. The Auto Club has run several successful fund raisers to support participation in national activities.

**Motorsports** – Our partnership with Polaris is thriving and also benefits students in the Motorsports Certificate program. The marine segment of the Motorsports has partnered with the Association of Marine Technicians (AMTECH) who oversee standards for marine technician training. Canton is developing a course for personal watercraft maintenance to be offered in January 2007. SUNY Canton has also garnered approximately $40k worth of marine equipment to support this endeavor.

**Job Fair** – Held Monday, October 23, recruiting opportunities for engineering technology graduates dominated the day. Participating recruiters included: Advance Testing Co., Atlantic Testing Laboratories, Barrett Paving Materials, Cives Steel Company, CME Associates, Demco Electrical Contractors, Dow Electric, Fastenal, Fused Solutions, IBEW, New York Air Brake, Novelis, Robson Woese, St. Lawrence Seaway Development Corp., Schlumberger, Schneider Packaging Equipment, Stebbens Engineering & Manufacturing, Time Warner Cable, and Tuscarora Construction. Thanks to all of our alums who represented employers at this event.
Computer Information Habitat for Humanity – This organization of students in Civil and Construction programs, advised by Mr. Reilly, provides hands-on experience and community service. Last spring break they traveled to Atlantic Beach, North Carolina to assist with construction of a home in the hurricane damaged region.

New Four-Year Academic Programs

Information Technology – A four-year extension of the Computer Information Systems AAS degree. Serves traditional students as well as those already in industry.

Alternative & Renewable Energy Resources – A natural and timely extension to our electrical, mechanical and HVAC technology AAS programs for those working in energy.

Technology Management: Facilities Operations – Also an extension of our AAS Technology programs, this program is ideal for those in industry with significant plant management responsibilities.

Industrial Technology Management – This program is ideal for AAS program graduates preparing for responsibilities in project management, proposal development, and production management.

Newaldine Renovation – It will be an exciting two years for Newaldine Hall as we complete the process of selecting architects, completing plans, and accomplishing a major renovation. The Canino School of Engineering Technology is a cornerstone of SUNY Canton. This renovation will provide critical resources and space to support new programs, new needs, and an array of student projects. Expect Newaldine to become a teaching platform for our Facilities Operations program in Technology Management. Also, current plans include a showroom to showcase student projects, Motorsports, and concept cars. With the advance of four-year technical programs at Canton, the need for high-level course electives and senior design projects is critical. This renovation will meet our growing needs and showcase the great work of our students.

New York Educational Technology Association – The Canino School recently hosted the bi-annual NYSETA Conference on October 19. With over forty educators and vendors, the conference allowed SUNY Canton to highlight the resources available at our campus to instructors and professionals from across the state. David Hartle led efforts with Mike Newtown and Matt Bullwinkel to organize and host this well-received event.

CSEOT Goals – Listed below are seven goals which we believe best represent our responsibilities and opportunities to meet our mission. We want to know what you think.

1. Academic Standards: Acquire and/or maintain appropriate program accreditations that certify program quality and serve to increase program strength. Continue implementation and improvement of program outcomes assessment processes.

2. Content Delivery: Identify opportunities that will enable utilization of 21st century instructional technologies in supporting new content delivery protocols.

3. Instruction: Provide professional development opportunities for faculty and ISA resources that facilitate improved instructional effectiveness, increased utilization of new teaching technologies, and the further pursuit of interdisciplinary collaborations.

4. Program Balance: Offer a mix of programs that provides strong yet flexible academic growth paths along the general themes of energy, information, facilities, and motorized products.

5. Facilities: Assure that teaching/laboratory facilities are attractive and state-of-art. Facilities and equipment should serve multiple program areas and reduce equipment redundancy. Facilities (laboratories, in particular) will increasingly rely on internet connectivity to support experimentation-at-distance.

6. Enrollment: Attract sufficient number and quality of students to each program stream to assure a critical mass of students and alumni; this will validate program strength and justify investment of resources to assure continued program growth and enhancement.

7. Community Partnerships & Program Visibility: Clarify the structure and “fit” of programs offered by the Canino School of Engineering Technology to improve attractiveness of programs. Adjust the advisory board structure to enable more effective support of program performance reviews and strategic planning efforts.

Since joining SUNY Canton in July, I have already come to realize why our alumni, students, faculty and community have such a strong sense of pride in their school. It is an exciting time of growth because of new programs, a planned building renovation, laboratory upgrades and a clear mission to serve our students and industry well. It is an honor to work with such a capable organization, and we are energized by the opportunities to further contribute to our growing community. It all derives from the legacy excellence, as confirmed by the remarkable achievements, individual and collective of our graduates. We invite you to celebrate these successes and help us reach further in providing the very best we can in college education.

Best regards, Dave Wells