

# FRIENDS AND FAMILY

## *Pine Technical College*



### **Lori Tapani Named as New Foundation President**



Lori Tapani was named as the new President of the Pine Technical College Foundation. She has been a board member since November, 2004. Lori was the Vice President through 2005 and 2006 and also served on the Endowment Committee and the Nominating Committee. She is co-president of Wyoming Machine, Inc., located in Stacy, Minnesota, along with her sister, Traci Tapani.

Lori graduated from North Branch High School and attended the University of Minnesota, where she earned a Bachelor of Science-Business degree in accounting from the Carlson School of Management.

Upon graduation, Lori worked as a Certified Public Accountant at a Minneapolis accounting firm. She subsequently

took a position as senior accountant at Fairview Hospital and Healthcare Services in Minneapolis.

In 1994 Lori joined Wyoming Machine, a family-owned precision sheet metal fabricating business founded in 1974. Initially, she and her sister helped implement the company's first networked computer system. Lori also oversaw the company's finance, administration, human resources and purchasing functions, responsibilities she continues to hold.

Since Lori and her sister became co-presidents in 2000, Wyoming Machine has grown into one of the region's leading providers of sheet metal fabricating services, including laser cutting, CNC punching, forming and welding. In 2002 the company was nationally certified as a woman-owned business.

Robert Musgrove, President of Pine Technical College said, "Lori has been a great partner to the College. We appreciate the time and efforts she is willing to put forth to serve our students."

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A newsletter for  
supporters of Pine Tech



### *Events*

**June 11th—15th**  
Robotics Camp

**June 27th**  
PTC Open House

**July 4th**  
Independence Day

**July 24th**  
Last Day of Summer Session

**August 27th**  
Fall Semester Begins

**September 3rd**  
Labor Day



## *Pine Technical College*

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### **PTC Foundation Offers Endowment Scholarships**

Three years ago, the Pine Technical College Foundation announced a 3-year campaign to establish an endowment fund that would create a self-generating source of income to provide scholarships to students at the college. Thanks to impressive support and generosity from the community, that goal has become a reality. The campaign overshot its goal of \$250,000 by thousands of dollars. The endowment balance is now just over \$285,000.

An endowment fund is different from a general scholarship fund in that donations do not go directly to the students. Instead, the money goes first into an interest-earning account. Endowment fund scholarships are then paid to students using only the interest, so that the base investment remains to generate an ongoing source of funding for future generations of students.

The Foundation is excited to announce they are able to offer eight scholarships, for Fall 2007 semester, to Pine Technical College students through the endowment program. These scholarships include:

- Three \$950 Nexen/Regional Manufacturers' Scholarships to any student enrolled in the Manufacturing/Machining Technology Program;
- One \$650 Brenda HagE Memorial Scholarship to any student enrolled in the Practical Nursing Program and a resident of Pine County;
- Four \$900 General Scholarships to any student enrolled in any program.

Robert Musgrove, President of Pine Technical College, said, "The Foundation Board has worked incredibly hard throughout this campaign. Through their efforts and through the giving spirit of our local supporters, we are now able to provide these additional opportunities to our students. The cost of tuition and books oftentimes hinders the decision for students to attend classes. We are now, and in the future, excited that these scholarships will make that decision a lot easier for the scholarship recipients. This is a great accomplishment that brings with it great satisfaction."

If you would like to donate to the endowment campaign, contact Stacey Foster at [fosters@pinetech.edu](mailto:fosters@pinetech.edu) or 320.629.5140.

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### **Pine Technical College Foundation Mission Statement**

The Pine Technical College Foundation is a partner to the College in providing leadership in education in the region. The Foundation will become a collaborator in building programs, services and facilities that benefit students, faculty, business and industry and the community.

The Foundation will creatively assist and collaborate with College faculty, staff and administration to enhance College life and the College's place in the community.

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## *Pine Technical College*

### **PTC Second-Year Nursing Students Help Launch 7th Annual Bridging the Dream Campaign**

Some were pushing strollers. Some chose to walk in groups. Some chose to walk alone. Some even walked with their dogs. On Friday, May 4th, over fifty Pine Technical College (PTC) second-year nursing students participated in the first Campus Walkathon.

Each student worked to raise donations for the PTC Foundation's 2007 'Bridging the Dream' campaign. Through their efforts, they were able to raise over \$1,800. These funds will be used to offer scholarships to students for the Fall 2007 semester.

"This was an excellent event," said Robert Musgrove, President of Pine Technical College. "The walk was a collaborative effort between nursing instructor Elayne Beehler and the nursing students. Working together they are now responsible for helping fellow students fund their education. Their sense of community is outstanding."

The Foundation has a goal to reach \$30,000 in donations during the 2007 campaign. They intend to offer twenty-four \$1,000 scholarships to full-time students and twenty \$300 scholarships to part-time students. The Foundation and the College will award the scholarships to students according to a set of criteria established by the Foundation Board. To qualify, applicants must be registered for the Fall 2007 semester at PTC. Full-time students must be taking at least 12 semester credit hours; part-time students must be taking at least 3 semester credit hours.

The Foundation was established to expand opportunities for students. And this they have done. Since 2001, over 330 full-time scholarships have been awarded totaling \$128,000 and 77 part-time scholarships have been awarded totaling \$17,250.

The past year's efforts have made a significant difference for a large number of area students. One student writes to a donor, "Your donation is greatly appreciated. It will help me get one step closer toward finishing my degree, and move me forward toward my career."

Another says, "Now I have the opportunity to make a dream a reality. Through receiving a scholarship, I am able to pay for school and child care so that I can receive a proper education."

To apply for a scholarship, please visit [http://www.pinetech.edu/student\\_services/scholarships.php](http://www.pinetech.edu/student_services/scholarships.php). If you are interested in donating to the Pine Technical College Foundation, contact Robert Musgrove at 320-629-5120 or Stacey Foster at 320-629-5140.



# Pine Technical College

## Recent Donations to the Foundation



Tony Wall, of Bernick Companies, presented \$2,500 to Pine Technical College President Robert Musgrove. The funds were added to the endowment and will generate scholarships for PTC students.



Bridget Petersen presented to Pine Technical College President Robert Musgrove a donation of \$500 from the Dala of Mora Business and Professional Women organization. The funds will be used for scholarships for students in non-traditional career education at PTC.



Kanabec Hospital, Burnett Medical Center, and Cambridge Medical Center have met a challenge match by Lakeside Medical Center for the Pine Technical College Foundation. Each center has donated \$5,000 to the endowment. These funds will be used to generate scholarships for Pine Technical College nursing students. Pictured are Tim Wick of Burnett Medical Center and Randy Ulseth of Kanabec Hospital. Both are presenting donations to Robert Musgrove, President of Pine Technical College.

# *Pine Technical College*

## **Pine Technical College Hires New Dean of Academic Affairs**

Pine Technical College recently selected Dr. Dean R. Masters to serve as the Dean for Academic Affairs. Masters brings to the position 10 years of progressive administrative experience in a community college setting and 23 years of supervisory experience in the public and private sectors.

Dr. Masters is a native of Hancock, Michigan where he graduated from Hancock Central High School in 1980. Masters earned a Bachelor of Science degree from Michigan Technological University in 1985 and earned his Master of Public Administration degree from Northern Michigan University in 1994. Masters earned a Doctorate of Education degree from Nova Southeastern University in January 2006 with emphasis in higher education leadership. Masters also holds certification as an Acquisition Professional from the National Contract Management Association and the United States Air Force.

Dr. Masters served ten years on active duty in the Air Force as a contracting officer and squadron commander. He later joined the Air Force Reserve where he served another ten years as an admissions liaison officer for the Air Force Academy. After 20 years of combined service, Masters retired from the Air Force Reserve in July of 2006.

For the past ten years, Dr. Masters has been employed at Bay de Noc Community College in Escanaba, Michigan. While at Bay College, Masters served in several administrative capacities and taught management classes as an adjunct instructor for two years. However, most recently Masters served as the dean for business and technology for the past eight years where he was responsible for providing administrative leadership and direction for two academic divisions, 16 occupational programs, 16 full-time instructors, 38 adjunct instructors, and the Career Preparation Office.

Dr. Masters is married to his high school sweetheart (Jeri) who is a Licensed Practical Nurse. They have two daughters: Jessica is a junior at Grand Valley State University and Kelsy is a graduating senior at Gladstone High School.



### **Pine Technical College Foundation Vision**

The PTC Foundation envisions expanded opportunities for students at the College and for those who wish to become students. The Foundation will involve key people at the College and in the region to develop a long-term endowment and programs that will encourage and motivate students and faculty. The Foundation will facilitate, through the College, the economic development of the area and improve the region's ability to retain qualified people in the workforce.



# *Pine Technical College*

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## From Concept to Completion

It wasn't just fun and games, though it may have looked that way after seeing the finished products. The manufacturing students at Pine Technical College (PTC) created cribbage boards, pegs, and chess and checker boards and pieces for their Capstone projects.

With challenges such as those posed through the Capstone requirements, PTC continues to work toward the goals set out by the Consortium for Manufacturing and Applied Engineering, now called 360°. In the fall of 2005 PTC was named to the consortium, one of four Centers of Excellence funded by the legislature through the Minnesota State Colleges and Universities System. The resources of this statewide consortium and the expertise of industry partners are geared toward developing curriculum to attract students into rewarding manufacturing careers. The cohorts in 360° are working together to help students develop strong math and science skills, and engage their interest in manufacturing through hands-on activities.

Dave Defenbaugh, Gunsmith and Machining instructor, said, "The manufacturing program we have here at Pine Technical College is competitive with programs in other schools across the state. We are proud of what we have here and we are even more proud of the accomplishments of our students."

The manufacturing students of Pine Technical College, using technology and old-fashioned ingenuity, demonstrated their mastery of skills while completing their final assignments and Capstone projects. They utilized up-to-date software programs and equipment—upgraded through funding from the Consortium—to complete their requirements.

One final assignment, finished by Nick Farrand, was a small model engine. He utilized a computer-aided design (CAD) program, called Solid Works, and a computer-aided manufacturing (CAM) program, called EdgeCAM, to duplicate, design, and assemble parts for the engine. The process began with a sketch of the parts on the computer screen. Features were then added to the sketch; dimensions and tolerances were checked; and parts were formed and mated together to create the functional model of a small engine.


In industry, CAD and CAM software programs are used to create tool paths and manufacturing cycles, which when edited, produce codes for a CNC lathe or mill to create components. For their class requirements, students imitated industry and designed, sketched, and virtually manufactured a lathe and mill part. These pieces were then produced on the machines and ranged from miniature toy farm pieces to obsolete firearms parts. Using the design side of the software allowed the engineer to detect any flaws, crashes, or tooling problems before the part was sent to the manufacturing side of the software where pieces were created on expensive machines using sophisticated tooling.

The same software programs and thought processes were used by those graduating students working on their Capstone projects. Four individuals designed, procedure-processed, and fabricated chess pieces, chess/checkerboards, cribbage boards, and storage boxes for their requirements. From concept to completion these students made engineering change orders; structured and tooled up mills and lathes; and prepared and shaped solid bar stock.

Robert Musgrove, President of Pine Technical College, said, "Career opportunities in manufacturing are on the rise. It is our responsibility as an institution to provide our students with opportunities for success. With quality instructors, state-of-the-art equipment, and support within 360°, our manufacturing program does that."

For more information about 360°, the Consortium for Manufacturing and Applied Engineering, visit [www.360mn.org](http://www.360mn.org). For more information about Pine Technical College visit [www.pinetech.edu](http://www.pinetech.edu).

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*Pine Technical College*



First year Pine Technical College manufacturing student Nick Farrand displayed the functional model engine he completed for class requirements using his CAD drawings.



Graduating manufacturing students at Pine Technical College created chess/checker boards and pieces for their Capstone projects.

Pine Technical College Foundation

900 4th St. SE

Pine City, MN 55063