

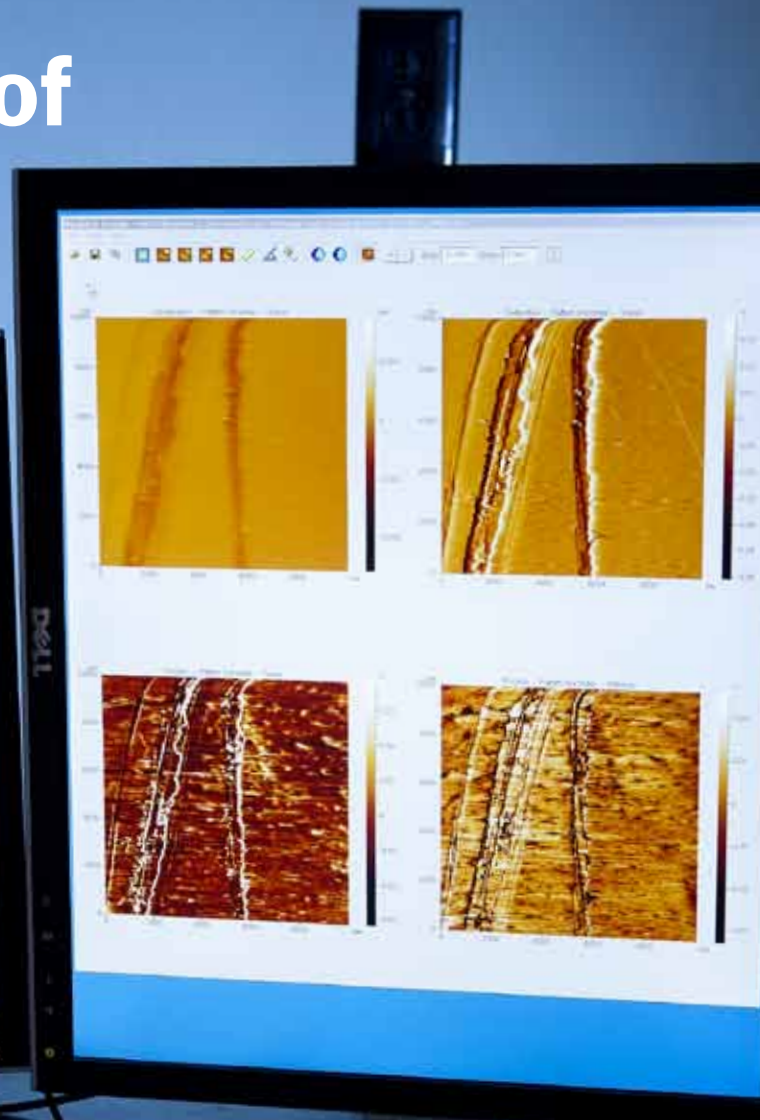
Minnesota State College Southeast Technical

A publication for Friends and Alumni of Southeast Technical

Connections

The Cutting Edge of Nanotechnology

National Science Foundation grant to
bolster program development



INSIDE:

Auto programs gear up with
pledge from area businesses

Drafting goes 3D

Connections Magazine

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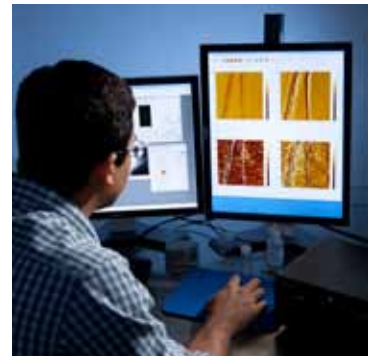
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Through the eye of an atomic force microscope, Prasonna Dubade, Electrical Engineer at RINTEK located in Rushford Minnesota, views a piece of gold at the nano level.

This fall Southeast Technical had been accepted to receive an \$830,000 NSF (National Science Foundation) grant to establish the Nanotechnology Partnership for Rural Education Pathways, referred to as (NANOprep). The grant will provide an introductory survey course that demands no pre-requisites and serves as an elective to a variety of existing technical programs. The course also contains modules that will be embedded in general education STEM (Science, Technology, Education and Math) courses and can be offered for dual credit to high school students and other educators. **FULL STORY Page 6**

Minnesota State College Southeast Technical

Red Wing Campus
308 Pioneer Road
Red Wing, Minnesota 55066
651.385.6300

Winona Campus
1250 Homer Road
Winona, Minnesota 55987
507.453.2700

Winona Campus - Tandeski Center
1200 Storrs Pond Road
Winona, Minnesota 55987
507.453.2740

Winona Airport Campus
110 Galewski Drive
Winona, Minnesota 55987
507.453.2630

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message from the president

In May of 2011, the college completed its strategic planning process for the next four years. Our new plan has been developed with input from college faculty and staff, students, alumni, and community and business leaders like you.



We believe this plan is a critical step toward shaping and building the college to meet the needs of our students and this region well into the future. While building this plan, we were constantly reminded of the obligation we have to students in providing them with the skills and knowledge they will need to succeed outside the walls of Southeast Tech.

We acknowledge that the world our graduates will face continues to change at a rapid pace. No longer will teaching just a trade or vocation suffice. Our students must be armed with the skills necessary to deal with the constant changes in a competitive knowledge-based economy. We will refine current programs and anticipate the need for new programming and services to provide a pathway for students into the workforce. They will enter this workforce with the necessary skills in communication, critical thinking, and technical knowledge to succeed locally, regionally, and globally.

Our Strategic Plan is designed to support our students in achieving their goals. Whether our students are just starting their academic careers or they are here to up-skill or re-skill, all of the goals of the plan are critical to our one over-riding objective—the success of our students.

As we implement the Strategic Plan over the next four years, we will build on past successes as we transform the college to ensure it thrives into the future. We will monitor our high quality programs and services to ensure our role as a vital and influential economic development partner in the region.

Over the last ten years, Southeast Tech has doubled in size, yet state funding has decreased significantly. Currently, the state allocation is 30% of our total budget, down from 60% just 9 years ago. Realigning curriculum and resources to support our goals and objectives has required a tremendous effort and great sacrifice, but we believe the outcomes have been worth it. We also hope that you will be there to support us as we strengthen Southeast Tech and, most importantly, prepare our students for a successful future.

To see our new Strategic Plan and to get a true sense of where we are headed as a college over the next five years, I invite you to find the plan online at www.southeastmn.edu/strategicplan.

Thanks for your continued support of Southeast Tech.

Sincerely,

Jim Johnson

President, Southeast Technical College

Governor Mark Dayton Job Panel Discussion

Governor Mark Dayton joined Southeast Technical President Jim Johnson and panelists representing several industries from the Winona region on August 31, for a jobs panel discussion. The open forum, held in Southeast Technical's Winona campus auditorium, attracted a sizable crowd of local business leaders, students, and community members who raised questions about the future of starting, maintaining, and growing a business in Minnesota. Panelists echoed each other's concerns that higher education and industries must collaborate more to ensure that southeastern Minnesota's skilled workforce needs are being met. Southeast Technical was proud to host the impressive panel and provide a forum for community members to bring their thoughts to the table.

Airport Campus and Bergwall Arena Update

After several years of long-term planning, Southeast Technical has set projects in motion to expand both its Red Wing and Winona campuses. New buildings on each campus will help the college right-size its facilities to support growing programs and match demand for classroom and office space.

In Red Wing, Southeast Technical has delivered a letter of intent to purchase the Bergwall Hockey Arena from the Red Wing School District for \$900,000, with plans to close the sale this November 2011. Funds to purchase the property were made available by the Southeast Technical Foundation. Through the agreement, the college will lease the arena to the school district and local hockey association for three to five years, after which the existing building will be demolished and replaced with a new facility to house allied health programs.

In Winona, Southeast Technical closed July 1 on the sale of its Galewski Road airport campus property to local composite manufacturer PlastiComp for \$2.25 million. Some programs previously using the airport campus property—including Carpentry, Small Engine



Governor Mark Dayton spends a morning on campus discussing Minnesota Jobs with area leaders in Manufacturing.

Repair, and Computer Aided Design (CAD) Drafting Technologies—have been transferred back to the main Winona campus on Homer Road. Welding Technology, Computerized (CNC) Precision Machining Technology, and Industrial Technology will continue using the airport campus until the new 25,000 square foot addition to the truck driving facility is completed by fall of 2012. The college will maintain a lease agreement with PlastiComp until the construction is complete.

With the funds from the sale of the airport campus and additional state bonding dollars that will be requested from future bonding bills, the college plans to construct a new building at the Homer Road location to provide upgraded trades and technology facilities, expanded classroom and office space, and easier access to student services.

Finance Award

The Southeast Technical Finance Office has been recognized with an award for Excellence in Financial Management by the Minnesota State Colleges and Universities during 2010. The awards program publicly recognizes the outstanding contributions of the system's college and university employees who work in finance and facilities management.

The Outstanding Service awards are given to individuals who demonstrate outstanding contributions toward furthering professionalism in financial management or other contributions in financial reporting, data integrity, internal controls, budget development and monitoring. Southeast Technical President Jim Johnson, who nominated the Finance Office said, "We have a financial team that understands the need to leverage dwindling resources for the future and Mike Kroening and his financial division are one of the benchmark teams in the system."

College Vice President and CFO Michael Kroening explains that, although the award is directed toward the Finance Office, it is really a college-wide effort. "Under increased need, we operate and achieve cost efficiencies and awareness, it really takes the cooperation of the college as a whole to make it happen."



Fastenal again partners with Southeast Technical

The Computerized (CNC) Precision Machining Technology program at Southeast Technical welcomed a generous gift from Fastenal as part of a continued partnership between the college and the manufacturing company. Fastenal delivered a CNC tooling machine and two CNC lathes, a gift totaling approximately \$150,000, to the Winona airport campus. By receiving hands-on training with the new machines, future graduates will have experience working with the latest technology.

Fairview and Southeast Technical Partner for Students and Community

Southeast Technical and Fairview Red Wing Medical Center have entered into an exciting partnership that will give Red Wing campus students the option of student health services. The scope of the services will include general illness, acute injury, counseling and educational information, immunizations, and more. According to Vice President of Student Affairs Nate Emerson, this partnership is an exciting opportunity for Red Wing campus students. "It is just another step in the right direction for Southeast Tech and our students. We are always looking for ways to provide more options and opportunities. This partnership is a wonderful collaboration and we are excited to be working even more closely with Fairview," Emerson said.

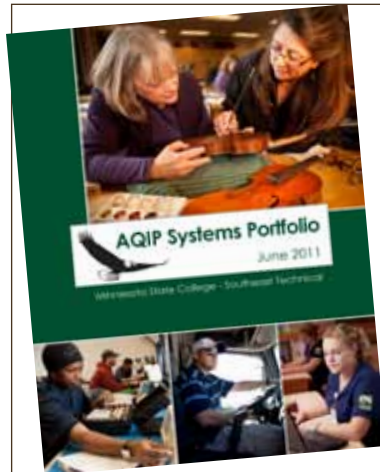
In addition to the new student partnership, the college recently concluded its successful continuing education grant collaboration with Fairview Red Wing Medical Center and Anoka Ramsey Community College. The grant incorporated the Integrative Healing Arts Program into Fairview's culture and developed two new certificates in Holistic Hospice and Palliative Care and Geriatric Health and Wellness. In addition, four different continuing education tracks were developed in Holistic Hospice and Palliative Care, Holistic Oncology Care, Holistic Pre-and Post-Natal Care, and Pre-and Post-Surgical Care. Southeast Tech provided instructors for the classes, as did Anoka Ramsey Community College. The college and grant collaboration resulted in training for more than 365 employees from Fairview.

Jewelry Medallions

Southeast Technical Jewelry Instructor Todd Hawkinson designed and created the medallions used for this year's "Excellence in Teaching Awards," given annually by the Minnesota State Colleges & Universities Board of Trustees to a select group of teachers recognized for their contributions as educators.

The medallions, handcrafted by Hawkinson for the past five years, were created and cast in bronze with a gold-plated finish for the four finalists. The official Minnesota State Colleges and Universities seal is transferred into a model presented for approval. After approval, an impression mold is made to create each one. Each medallion is hand fabricated from a jewelry alloy that is then 24 karat gold or nickel-plated for presentation.

The Minnesota State Colleges & Universities Board of Trustees Award for Excellence in Teaching is intended to recognize superior teaching at our colleges and universities. The award proclaims, on behalf of the entire system, the Board of Trustees' pride in the dedication and accomplishment of faculty in providing instruction that prepares Minnesota's college and university students for their professional, scholarly, and civic lives. For more information see www.mnscu.edu.



Academic Quality Improvement Program

Accreditation is a form of accountability that allows anyone to learn of a college's performance relative to stringent standards. The college is accredited through the Academic Quality Improvement Program (AQIP), a process designed to ensure a continual feedback loop which promotes the incorporation of hard data into college operations and decision making. Having achieved unconditional re-accreditation in 2010, Southeast Technical recently received pivotal feedback via its AQIP Systems Appraisal Feedback Report, an analysis built around the college's System Portfolio, which describes the college's performance in narrative and statistical terms. To learn more, click on the accreditation link at www.southeastmn.edu/about_us.

Strategic Plan

Southeast Technical completed its strategic planning process, setting its direction for the next four years.

More than 300 stakeholders, including faculty, staff, students, and community members, examined the specific challenges and opportunities faced by the college and developed priorities to guide the colleges efforts to be more alert and responsive to constituents' needs and to continue providing high quality student experiences. The Strategic Plan reflects an awareness not only of how much Southeast Tech has accomplished over the years, but also of the many opportunities that lie ahead.

To see the full version of the college's Strategic Plan, visit us online at www.southeastmn.edu/strategicplan



Southeast Technical Receives National Science Foundation Grant

National Science Foundation grant aims to expose rural areas to Nanotechnology

This fall, there's been big talk about a little thing called "nano" at Southeast Technical. The excitement centers around an \$830,000 National Science Foundation (NSF) grant, which will help the college establish the Nanotechnology Partnership for Rural Education Pathways, also referred to as NANOprep. Through this program, Southeast Technical will continue to be a leader in advancing high-tech areas of study that have significant potential for the regional economy.

What is nanotechnology?

"Nano" means small. Think thousands of times smaller than the width of a human hair, or the smallest fraction of time, a nanosecond, and you are at the nanoscale. Nanotechnology is the study of how things work at the most basic molecular and atomic level. Since structures at this level aren't visible to the naked eye, we don't often think about the ways in which they can be altered, but in fact, these structures can be altered to produce many beneficial products. Waterproof clothing, for example, involves a very thin coating applied via nanotechnology to tightly knit stain-repellant fabric. The latest flat panel televisions are made even thinner and more flexible with nanowire electrodes.

Opportunities for nanotechnology abound in the health care field. Coupled with landmark developments in manufacturing, nanotechnology treatments applied to implantable medical devices create a seal that blocks out potentially harmful organisms that can cause infection and rejection in the human body. Local manufacturing companies, including Rushford Hypersonic and Rushford Nano-Electro Chemistry Company, have also taken notice of nanotechnology's possibilities, and have applied the technology to improve the quality of numerous products.

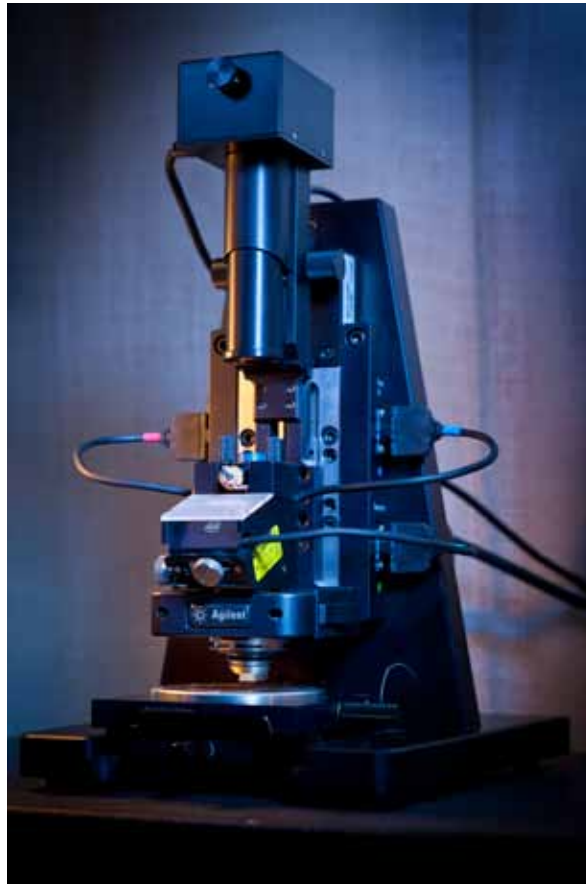
Why Southeast Technical is on board

According to the NSF, more than half of all new products will be

developed with nanotechnology by 2015, and accordingly, nanotechnology has been noted as the driver of a second industrial revolution. In the coming years, few industries will remain touched by nanotechnology. Manufacturers at all levels will need to conduct additional research and development to improve production and stay competitive. And most importantly, they will need to hire knowledgeable, skilled technicians to implement these processes. The NSF forecasts a demand for 2 million nanotechnology workers worldwide in 15 years, including 800,000 to 1 million in the United States. Nanotechnology job titles include laboratory technicians, research technicians, electron microscope operators, cleanroom technicians, and materials specialists, to name just a few.

Recognizing this growing demand for skilled workers, Southeast Technical has been developing its nanotechnology programming since 2009, when a small but important NSF grant brought early-level nano education to campuses as part of a national push to encourage the exploration of this technology and forge new partnerships between technical colleges and universities. Through this initial \$150,000 grant, Southeast Technical developed a 22-credit Nanoscience Technician Assistant Certificate. Also from this early round of NSF grants, a successful partnership emerged among Southeast Technical College, Dakota County Technical (DCTC) College and the University of Minnesota in which a student could complete a two-year program at DCTC and continue on for a four-year degree at the University. Relationships with other colleges regionally in the Dakotas and upper Midwest and with Penn State University in Pennsylvania are developing as well.

What the latest NSF grant will do for Southeast Technical
With support from the latest NSF grant, Southeast Technical will pursue a cultural change in its approach to recruiting students and exposing them to 21st century skills—not only in nanoscience programs, but also in new programs that involve a variety of emerging technologies. The largest draw will be an introductory survey



The procurement of an Atomic Force Microscope (AFM) by the Rushford Institute of Nanotechnology supported the expansion of production in rural companies like Rushford Hypersonic and Rushford NEC in Southeast Minnesota.



Engineers Kevin Klungvedt and Prasanna Dabade work together at the RINTEK lab located in Rushford, Minnesota where the Atomic Force Microscope is housed.

active role. “A group from Rushford decided that since most of the entities involved in nanotechnology were small companies—often less than 100 employees—this would be a natural fit for Rushford,” recounts Dale Evavold, a retired Rushford attorney and RINTEK board member. RINTEK recently purchased an Atomic Force Microscope (AFM) and shares its use with rural companies like Rushford Hypersonic and Rushford Nano-Electro Chemistry Company.

Rushford Hypersonic, the area’s first nanotechnology company, aims to become the friction/wear reduction and corrosion resistant coating supplier of choice with the help of Hypersonic Plasma Particle Deposition (HPPD), a process created and patented by scientists at the University of Minnesota. RINTEK in its role as a business incubator facilitated the process securing exclusive rights to

course highlighting nanoscience. The new course demands no prerequisites, serves as an elective to a variety of existing technical programs, contains modules that will be embedded in Science Technology, Engineering, and Mathematics (STEM) courses, and will be offered for dual credit to high school students and other educators. To help Southeast Technical build pathways for students, the workforce, industry, high school students, and high school teachers, the grant will provide \$50,000 in tuition stipends for participants in the introductory survey course.

use, develop, and commercialize the HPPD patent. Rushford Hypersonic produces products coated with a super hard, long wearing surface that resists corrosion, improves fracture resistance, reduces friction, and increases the lifespan of the coated item.

“Receiving this NSF grant is very exciting and is a great honor for Southeast Tech,” said Alice Zimmer, mathematics instructor and Nano grant facilitator for the college. The grant’s implementation has an experienced team at the helm including consultants Dr. Karen Halvorson and Dr. Len Sterry, who are instrumental in helping the college on a national level with NSF. Southeast Technical Electronics Technology instructor Marc Kalis has completed state and national nanotechnology training needed for teaching the college’s nano course offerings. On the local level, new consultants joining the leadership team are Jack Weimerskirch and Ed Berkley, grant liaisons to business and industry; Lloyd Petri, grant liaison to local high school consortia; and Southeast Technical Computer Aided Design (CAD) Drafting Technologies instructor James Ziegler, grant liaison to the area workforce center. Southeast Technical President Jim Johnson and Vice President of Academic Affairs Ron Sellnau are active members of the grant leadership team as well. “It is rewarding to be part of such a committed leadership team. Our future opportunities are huge,” Zimmer adds.

Evavold sees a bright future for manufacturers that can capitalize on nanotechnology’s potential. “Now, almost every major manufacturer is using nanotechnology. Many new computer applications are based on nano research. The use of nanotechnology is expected to continue to advance, changing all technologies. Therefore, it will affect everyone’s lives. It will add a new dimension to competition, making it essential for all industries to have a plan on how to deal with nanotechnology.”

Learn more about nanotechnology and the local Nanotek Trek event at www.rintek.org and www.nano.gov.

Nanotechnology in the local economy

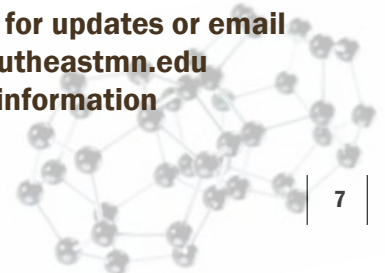
Early efforts to launch nano research initiatives spawned the 2003 formation of the Rushford Institute of Technology (RINTEK), a nonprofit 501(c)(3) corporation in which the college plays an

Save the Date

**3RD Annual Nanotek Trek
June 9, 2012**

A Bicycle Ride, Nano Conference and Nanocamp

**Check RINTEK.org for updates or email
azimmer@southeastmn.edu
for more information**



Automotive Businesses Commit Matching Funds

Southeast Technical's automotive programs received a significant pledge from area auto dealerships and businesses that will help the college enhance curriculum, upgrade facilities, and support other student success initiatives. Members of the partnership include Chrysler Winona, Dahl Automotive, Lewiston Auto Co., Inc., Motor Parts & Equipment, Sugarloaf Ford Lincoln and Walz Chevrolet Buick GMC, all of whom have pledged a combined \$65,000 to match alumni donations.

In addition, auto program instructors Tom Brandt, Mark Hoehn, Paul Polzer, and Butch Bundy are prepared to match alumni donations with a gift of \$19,000, a sum that accrued from personal projects the group has taken on over the years. In total, Southeast Tech automotive programs stand to gain \$84,000 in matching funds.

"This is a unique situation and possibly one of the first of its kind for a public technical college automotive department," said Brandt. "Gifts to this endowed account will be used to generate earnings to fund special tools and equipment for the auto body and auto mechanics programs, so it is really like an ongoing scholarship for all future students because it allows instructors to acquire specialty tools and technology based scan tools needed to work on vehicles in a fast changing industry."

Brandt also noted that in addition to funding ongoing needs, earnings from the endowment can fund larger equipment purchases every two to three years as an option to annual smaller items.

"This will help the programs stay on the cutting edge far into the future with the principle gifts remaining in this endowed account so as to earn more dollars for future purchases," Brandt added.

News of the automotive program donations was announced at the first class reunion for auto program alumni, held Saturday, June 18, at the Winona campus in conjunction with the Winona Steamboat Days annual car show. Auto program alumni enjoyed catching up with each other, reminiscing about their

days at Southeast Tech, and feasting on a special hog roast while talking about all things automotive. Alumni were also joined by Norris Abts, auto program founder and administrator from 1948 to 1988.

If you're interested in making a matching gift to support Southeast Technical's automotive programs, simply visit www.southeastmn.edu/AutoReunion. A secure online donation system will guide you through the gift process. Your gift of any amount will be greatly appreciated and help the automotive programs reach their match potential.

"This is a unique situation and possibly the first of its kind for a public technical college automotive department."



Nursing Student Selected to All-Minnesota Academic Team

Abbie Dille, a Red Wing nursing graduate, was selected to the 2011 All-Minnesota Academic Team, an academic honor coordinated by the Phi Theta Kappa Honor Society that recognizes students within the state's two-year technical and community college system.

Dille was first nominated to the American All-Star Academic Team by Southeast Technical Chemistry instructor and Phi Theta Kappa advisor Leah Schnaith, "I nominated Abbie because of her outstanding leadership qualities, community service involvement, as well as her academic excellence in the classroom," Schnaith said.

Dille has demonstrated academic and personal excellence as a nursing student and has maintained a 4.0 grade point average throughout the program. While a student, she was president of Phi Theta Kappa and Student Senate, a student leader on the Nursing Faculty-Student Committee, and a fellow for the League of Women Voters Fellow program. "A community college is a great place to make friends with fellow students and faculty and to create a network for your future," Dille said. "Phi Theta Kappa is about helping students become leaders in their lives and in their communities and it has been a great honor to hold presidential positions on two student-run organizations," she added. She is also the recipient of the Frances and Lyle Olson Memorial Nursing Scholarship distributed by the Southeast Technical Foundation.

Dille and academic team members from other colleges attended a recognition ceremony in Eagan, MN this past year. Phi Theta Kappa is an international honor society for two-year colleges that symbolizes excellence in higher education and a commitment to students. Phi Theta Kappa's mission is two-fold: 1) recognize and encourage the academic achievement of two-year college students and 2) provide opportunities for individual growth and development through participation in honors, leadership, service, and fellowship programming.



Pictured: L-R: Instructor Leah Schnaith, Instructor Chris Stout, Trustee Michael Vekich, Abbie Dille, Instructor Angel Mytas, Vice President of Academic Affairs Ron Sellnau, and Former Minnesota State Colleges and Universities Chancellor James McCormick.

Southeast Technical has always been proud of our reputation to send prepared graduates into the workforce quickly. But for the student who is looking for "more," there is also a great sense of community that can be found through clubs and organizations on campus. Organizations like these appeal to students in a variety of our programs areas.

DEX (Delta Epsilon Chi) Winona Campus: Attracts students in



sales & marketing programs and competes both regionally and nationally. The organization is recognized for its development of leadership skills, professional development, and civic involvement. Conferences and competitions are attended on the state and national level. Led by instructor Terry Greene.



Skills USA (Winona): Draws students from automotive programs and is aligned with a number of other service and health related occupations. Members of this organization learn work attitudes, communication skills and the importance of fostering citizenship, character development, and a commitment to high ethical standards and quality workmanship. www.skillusa.com.

Phi Theta Kappa (Red Wing & Winona): An



international honor society based on academic achievement. Phi Theta Kappa provides opportunities for individual growth and development through participation in honors, leadership, service and fellowship programming. www.ptk.org

Student Senate (Red Wing & Winona): Senate members represent the interests and points-of-view of the student base on our campuses. Each campus elects its own slate of officers. Each senate holds regularly scheduled meetings, applying a governance structure, to organize student activities. The Senate experience provides leadership opportunities and allows students the chance to represent their peers before governing bodies. Off campus conferences allow students from varying memberships throughout the state to network.

Continuing Education and Workforce Training

complimentary

Professional Development Speaker Series

The Professional Development Speaker Series is offered as a sign of our appreciation for your relationship with the college. Your organization can register two individuals for free! Upcoming courses are available for viewing at www.southeastmn.edu/training

Winona Campus

NOVEMBER 10 | 9:00am - 11:00am

Business Writing

How to write in the business world. In this session you will learn more about business writing in the areas of grants, emails, resume documents, marketing, memos, and proposals.

Red Wing Campus

DECEMBER 15 | 9:00am - 11:00am

The Effective Front Line Supervisor

Do you have supervisors and team leaders you rely on to lead your workforce? In this session you will learn to increase their effectiveness on the job, fine tune their organizational skills, show them tools to increase productivity and improve their communication skills.

Nonprofit Management Certification Program

This 40-hour Nonprofit Management Program is aimed at building leadership and management skills for individuals working in the nonprofit or governmental sectors. Individuals take five core classes and then go on to take electives in related areas that they may be interested in. Each month, a new core topic along with electives, will be introduced to help individuals gain knowledge and skills that can be applied to a changing nonprofit workforce.

The core curriculum includes:

ABC's of Nonprofits

Basic Accounting for Nonprofit Managers

The Basic Principles for a Collaborative Workplace

The Leader in Each of Us

Marketing Essentials for Nonprofits

For a complete list of elective classes and to view course descriptions, go to: www.southeastmn.edu/trainingspotlight

Students must take all core classes. Each class will offer a wide range of experiential, lecture, and peer-learning opportunities.

Classes are held at Winona Tandeski Center Thursdays from 1:00 - 5:00pm

For more details on courses, contact Calli Ekblad.

cekblad@southeastmn.edu or 651-385-6320

Cost: \$1550.00 for entire series | \$175.00 per class

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For additional information on our rooms and rates call:

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Save the Date

**26th Annual
Business and Professional
Women's Colloquium**

**Wednesday, April 18, 2012
Treasure Island Resort and Casino**

Our annual colloquium has become a tradition and one of the most talked about women's social events of the year. Join us for a day of fun, food, and entertainment!

www.southeastmn.edu/colloquium

message
from the foundation president

Part of my role as President of the Southeast Technical Foundation is to help alumni and friends stay connected to our campuses. Reading the Connections magazine is a great way to learn about what is happening at Southeast Tech and how to get involved in our wonderful college.



But how else can you connect with the college and other alumni? One way is to simply be active in your community. Southeast Tech grads are a strong presence in both Red Wing and Winona. Just about every one of us who attends meetings and events throughout the region interacts with Southeast Tech alumni and we might not even realize the connection.

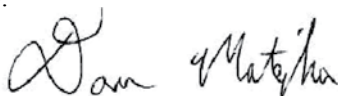
Another way is to be active in Southeast Technical's online communities. To develop stronger links and keep our alumni and friends more connected, the college is expanding its online tools to keep you better informed about news, events, and happenings on campus. These online efforts won't replace the Connections magazine, but we hope they will complement it and keep you even more informed.

Here's how to get involved:

- **Sign up for the e-newsletter.** Visit us at www.southeastmn.edu/alumni and click on the "Alumni Profile Form" link to sign up. We plan to send a newsletter every other month, so your inbox won't be overwhelmed!
- **Join us on Facebook.** This is a fun, vibrant forum to see pictures, videos, and news about Southeast Tech. Find us at www.facebook.com/SoutheastTechnical.
- **Connect with us on LinkedIn.** LinkedIn is a great career networking site where Southeast Tech alumni can stay connected and help each other grow professionally. Find us by creating a LinkedIn profile and search for "Minnesota State College – Southeast Technical" in the Groups section.

We want to explore and expand the use of many different communication channels to find the mode that works for each of you. We hope that in figuring out how to engage with you and in opening up additional lines of communication, we will strengthen existing relationships and forge new ones.

I know that by being an active member of the college community—whether in person or online—you will realize the unique value of being a Southeast Tech alum, and maybe even find your way back to our campuses and remember what Southeast Tech was to you. We also hope to show you what Southeast Tech means to the students who are here now.



Dan Matejka
 President, Southeast Technical Foundation

**Minnesota State College
 Southeast Technical
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* New Member

Fiscal Year 2011 Giving

(Cash gifts given between July 1, 2010 – June 30, 2011)

Visionaries

(\$5,000 and above)

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Eastwood Bank
Harland and Pauline Knight
Jane Kohner
Merchants National Bank
Jerry and Pat Papenfuss
John and Vickie Riester
Winona National Bank
Xcel Energy Foundation

McDonalds of Winona
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(\$500 - \$999)

Acelectric of Red Wing
All Energy Solar
Baird Foundation
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Peter Beurskens

Please support the education of our communities' workforce to ensure our region will remain economically healthy and vibrant.

Consider making a donation this year.

Winona Health
Winona ORC Industries, Inc.
Wm. Miller Scrap Iron & Metal Company
Kristina Wright
Edward Zachary
Steve Zmyewski

Friends

(\$25 - \$99)

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Thern, Inc
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Winona National Bank
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Gifts in Kind

The Southeast Technical Foundation thanks the individuals and corporations for their in-kind contributions. In-kind gifts are used to directly train students or to leverage additional resources for the Foundation's scholarship program. In FY 2011, our in-kind contributions were valued at \$29,907 up from \$18,733.

www.southeastmn.edu/donate

alumni@southeastmn.edu

877.853.8324

Connecting the College in a Different Way

Southeast Technical wants to improve the way the college works with its constituents, specifically business and industry. To help set the stage for that change, Southeast Tech recently created the Office of Business Relations.

Southeast Technical President Jim Johnson has always believed the college is a fountain of resources for the community and understands business and industry leaders expect ready-for-hire graduates, continuing education opportunities for employees, consulting services from college faculty, access to state-of-the-art facilities, and more. “We can do more to work together with our partners in the region. One of the outreach goals for the college is to help strengthen regional communities by helping to grow those economies. Red Wing, Winona, and surrounding communities are vital cogs in the region and we know we can do more to build dynamic collaborations,” Johnson said.

To help build that collaboration, Johnson merged what was previously called the Office of Continuing Education and Workforce training (now the Office of Business Relations) into a new branch of the college called Institutional Advancement.

This change places all of the college staff focused on outreach into one department and gives the college more synergy and opportunity to work together in forming collaborations between college market-

ing, alumni relations, fundraising, and business relations. The move will make the college more efficient and provide even more opportunities for its external partners.

Whether businesses want to hire our graduates, take advantage of continuing education opportunities, or connect with Southeast Technical faculty experts, they can now refer to the new Office of Business Relations as a single point of access.

“We will give our constituents a convenient and efficient single point of entry into the college that can be used to connect with Southeast Tech resources, assets, and expertise. We would like to connect all the aspects of the college through the Office of Business Relations,” says Johnson, making it easier for all constituents to get what they need from Southeast Tech.

To that end, front-line staff members titled Business Relation Managers (see below), are assigned to work externally with constituents and internally with faculty and staff to help build better partnerships.

The long-term plan for the office includes building an experts database and hosting more college events, including workshops for businesses and students. If you want to make a connection with Southeast Tech, talk to one of our Business Relation Managers and start the process today!

Southeast Technical | Business Relations Managers



Calli Ekblad

Calli has worked at Southeast Technical since 1981 in the Continuing Education and Workforce Training Department. Calli has served as the co-chair of the Southeast Minnesota Training Consortium in the healthcare cluster for 2 years, and had been active as leader in 4-H for over 13 years. She has worked at the college for over 30 years.

Phone: 651-385-6320

Email: cekblad@southeastmn.edu



Katie Hardyman

Katie is a Red Wing native with over 20 years of sales and marketing experience, most recently with the Red Wing Golf Club and Red Wing Collectors Society Foundation. A 1985 Red Wing Central graduate, Katie graduated from St. Cloud State University with honors in 1990.

Phone: 651-267-7706

Email: khardyman@southeastmn.edu



Jennifer Olson

Jennifer has worked in the Winona community for six years as the Community Relations Manager for Winona Health. In her role at Winona Health, Jennifer has worked on marketing campaigns, planned special events, served as the liaison for community outreach projects and coordinated fundraising initiatives for various internal and external projects.

Phone: 507-453-2724

Email: jolson@southeastmn.edu



MAKING A PROMISE TO SOUTHEAST TECHNICAL

Legacy Society



Deanna and Larry Voth are connected to Southeast Technical in a very special way. Deanna has worked at the college for more than thirty years, and because of her long-term commitment to Southeast Tech, her husband Larry has also been very involved with the college every step of the way.

Throughout the years, Deanna has seen many changes at Southeast Tech. The college has gone through name changes and renovations, merged with different institutions, and grown into its current position as a regional leader in technical education.

While the college changed and grew into what it is today, Deanna and Larry also grew into outstanding advocates of Southeast Tech, both through Deanna’s daily work and through the commitment they made to the college together via an estate gift plan.

Deanna’s career began at the college in 1981 when she was the Red Wing Area Vocational-Technical Institute’s curriculum secretary. Over the next fifteen years, she witnessed first-hand the formation of the Red Wing/Winona Technical College, serving as Red Wing Technical College’s assistant to the director and then the president’s assistant. She served in the president’s assistant role until 1995 when she became the director of human resources for Minnesota State College – Southeast Technical.

Over the last thirty years, Deanna has been directly involved with helping increase opportunities for students. She says the biggest change during her career is the fact that the college has grown its curriculum to provide a well-rounded education that allows students to participate in liberal arts coursework that is transferable to other Minnesota State Colleges and Universities.

Deanna says she made her career at Southeast Tech because she is passionate about higher education and believes in the mission and vision of the college. Her passion and beliefs have motivated the couple to leave Southeast Technical in their estate plan.

The Voth’s feel strongly that Southeast Technical College is in a great position to maintain and strengthen its position as one of the premier two-year institutions in the state of Minnesota. Their estate gift will help meet the growing demand for scholarship support and enhance the quality programming being led by outstanding faculty and staff. They want to be part of that success for years to come, just as they have been for the last thirty years.

Southeast Technical would like to thank Deanna and Larry Voth for their commitment to our college and our students. With continued support from donors such as Deanna and Larry, Southeast Technical will be in a prime position to meet the challenges that lie ahead.

For more information about our Legacy Society or to discuss other ways you can make a difference, contact Jeff Meyer at 507-453-2409 or jmeyer@southeastmn.edu.

The Members of our Legacy Society include:

Mike and Jane Bourscheidt

John and Rebecca Fuhlbruegge

Allan and Debbie Greenwood

William L. and Marlene Hemsey

James and Mary Johnson

Dan and Natalie Matejka

Dr. Thomas E. and Leone J. Mauszycki

Jeff and Denise Meyer

Don and Donna Peterson

R. Peter and Susan B. Roehl

George L. Tandeski

Deanna and Larry Voth

Spotlight on Alumni

Trained on latest 3D printing technology, CAD grads impress employers

Like many college students, Jeremiah “Jay” Kropidowski’s career path took several turns before he finally found the right fit in Southeast Technical’s Computer Aided Design (CAD) Drafting technologies program. For Jay, finding that perfect fit was the culmination of several life experiences, plus a result of discovering a talent for design and drawing.

Learning “how things work”

With a grandfather, father, and brother who all worked in construction, Jay became curious at a young age about how things are assembled and work. After graduating from high school, Jay, a native Winonan, followed the traditional path to a four-year college, completed several general education courses, and then decided to enlist in the Air Force Reserves to help further finance his education. Jay enlisted shortly before 9/11, but was located state-side during his tour as a military aircraft mechanic, a position that helped him continue developing his mechanical aptitude.

Finding the creative spark

Jay returned to school in Milwaukee after completing his tour, and through a chance encounter, realized he didn’t just have mechanical know-how; he also had the ability and desire to create. An acquaintance, who happened to be blind, asked Jay to help draft house plans. The experience of envisioning a design and transforming it into a functioning plan was both challenging and rewarding. He soon began evaluating CAD programs and, with a strong program in his hometown, transferred to Southeast Technical in Winona. Jay even entered the CAD program at the same time as his younger brother Gus, who is 10 years his junior, and both enjoyed having this shared experience.

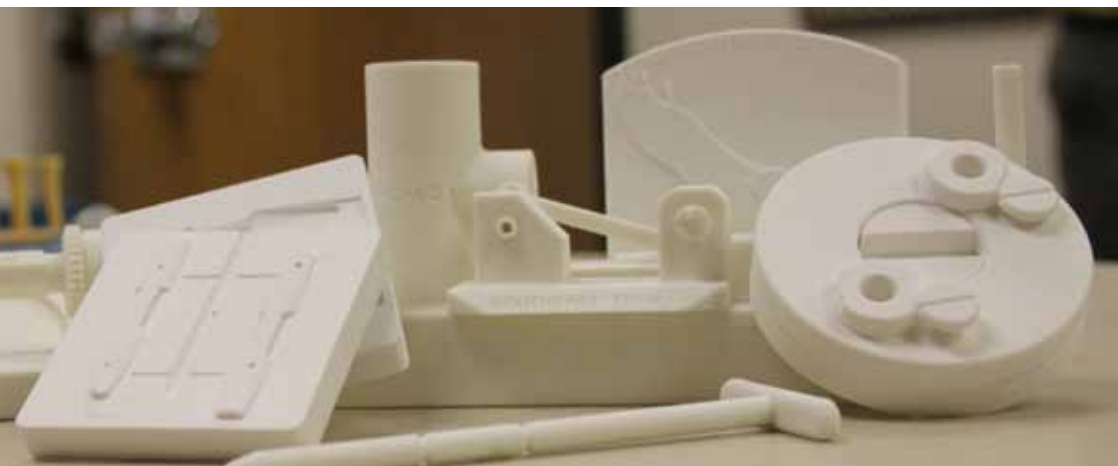
Getting the skills, exposure to technology at Southeast Technical

As part of his coursework in the Computer Aided Design (CAD) Drafting Technologies A.A.S. degree program, Jay received training in drafting fundamentals, best-practices, and industry-standard software, including the latest version of Solid Works for 3D designing. Jay also enrolled at Southeast Tech right when the college obtained state-of-the-art Z-Corp 3D printing equipment. The hands-on skills Jay acquired at Southeast Tech plus exposure to the latest technology helped him land an internship with Winona Lighting, a local commercial lighting fixture manufacturer, where Jay helped design intricate lighting fixtures featured in buildings across the country. Winona Lighting was so impressed with their intern’s work that Jay was offered a full-time job before he even graduated!

Jay completed his degree this spring and is excited about his new career. Jim Ziegler, Jay’s instructor in Southeast Tech’s CAD program,



attributes Jay’s success to his character and innate talent. “Jay was a very engaged and energetic and interesting person. He brought integrity and abilities with him to our program and it was my pleasure to help him harness them and use them to procure a good job.”



An assortment of projects produced by the college's 3D printing equipment, which makes models based on drafting designs.

2011 Outstanding Alumni

Bill Mathews Band Instrument Repair, 1983

Red Wing

Bill Mathews received the 2011 Outstanding Alumnus Award from our Red Wing campus.

Bill became interested in band instrument repair when a high school music instructor suggested he consider looking at some of the programs that were available. After careful consideration and a national search for the program that would meet his needs, a nine-hour trip to Red Wing sealed the deal.



Bill began instruction with the program's founder Gene Beckwith and instructor Dave Townsend. Through the program he acquired the entry level skills needed to build a career. He carved a successful path by focusing on continual learning, an unending search for new techniques, and high level of perfection.

During his career, he worked as a technician at repair businesses in Texas, Vermont, and Illinois. At each stop, he ensured he was working with technicians who would continually help him perfect his repair skills and grow his knowledge to manage a repair shop, which he accomplished in Illinois. His career path led to a leadership opportunity with Yamaha Corporation of America Band & Orchestra division, starting at the bench and later earning a promotion to National Service Manager, a position through which he served as liaison to technicians across the country and traveling and lectured on behalf of the corporation.

All roads circled around, eventually leading Bill homeward once again to NAPBIRT in Normal, Illinois, where he assumed the Executive Director position in 2003.

Bill's expertise and advocacy of all repair schools, along with his relationship as an alum, make him a valued member of our Band Instrument Repair Advisory Committee. The nature of his work permits him to advise people who are considering the trade, just as he did nearly 30 years ago. "While you are in school, you need to take every opportunity that is offered to you and realize that your education will continue for a lifetime."

Candi Kohner General Office Program, 1976

Winona - Candi Kohner, a 1976 graduate of the General Office Program, has worked for over 30 years supporting both large and small business, managing factory payroll for Lake Center Industries, and serving as office manager for the City of Goodview and Grace Presbyterian Church. She has been immersed in scores of volunteer efforts within the community and region, where her organizational and management skills have been demonstrated through her past leadership in Women in Business and with the Chamber on the board, committees and as an Ambassador.

Candi is currently serving as Treasurer of Winona Health Auxiliary. Among her many volunteer efforts, Candi's recognitions include the 2005 Athena Award and the title of Steamboat Days "Harbor-master," which she shared with her husband Steve.



TAKING NOMINATIONS FOR 2012 OUTSTANDING ALUMS

Each year, the Southeast Technical Foundation and Alumni Association honor an outstanding alumnus from the Red Wing and Winona campuses. The outstanding alumni are selected for personal or professional achievement and service to the community and the college.

The Southeast Technical Alumni Association invites you to submit nominations for the 2012 Outstanding Alumni by calling the Alumni office at 507-453-2663.



Golf Outings



Winona Golf Tournament The 3rd Annual Alumni & Friends Golf Tournament was held August 1, 2011 at Cedar Valley Golf course in Winona. The event drew 75 golfers for a day of fun and raised over \$4,200 to support Southeast Tech students.

Save the Date: August 6, 2012



Red Wing Golf Tournament The 6th Annual Community Connections Golf

Tournament & Dinner was held May 26, 2011 at Mississippi National Golf Links in Red Wing. The event drew 100 golfers and 93 dinner attendees and raised over \$12,700 to support Southeast Tech students.

Save the Date: May 24, 2012



Another eventful Year



Red Wing Academic Year 2010-2011 Scholarship Banquet – April 12, 2011



Winona Academic Year 2010-2011 Scholarship Banquet – March 29, 2011

The Foundation awarded 137 scholarship awards totaling over \$120,000 between both campuses for the academic year!

Scholarship Banquets

Welcome Back Picnic



Red Wing



Winona

8th Annual Welcome Back Picnics Students, faculty and staff gathered in both Red Wing and Winona for the 8th Annual Welcome Back Picnics. The events, to welcome all into the school year, are hosted by Southeast Technical's Alumni Association and sponsored by Steak Shop Catering. Between the two campuses, almost 1000 plates of food were served.

Reunion

Automotive Reunion

Southeast Technical hosted the first class reunion for auto program alumni on Saturday, June 18, at the Winona campus in conjunction with the Steamboat Days annual car show. Auto program alumni enjoyed catching up with each other, reminiscing about their days at Southeast Tech, and feasting on a special hog roast while talking about all things automotive. Alumni were also joined by Norris Abts, auto program founder and administrator from 1948 to 1988.



Partners in Education

Eastwood Bank has played an important role in the success of the Southeast Technical Foundation over the last four years. Since 2007, Eastwood Bank has donated \$5,000 annually to support the Foundation's Scholarship program. Through their contributions, Eastwood Bank has enabled the Foundation to rec-



ognize our scholarship recipients and donors at an annual scholarship banquet and has also provided 20 scholarships since 2007. Their commitment and dedication is truly appreciated by our students. We consider Eastwood Bank a true partner in our efforts of making education more affordable and accessible.

Programs Offered

Minnesota State College - Southeast Technical is committed to providing essential education to its students no matter where they live and no matter where they are in life. The following is a list of some of the educational options available to you.

For a complete listing of our 90+ programs, go to www.southeastmn.edu

- Accounting
- Administrative Support Careers
- Auto Body Collision Technology
- Automotive Technology
- Band Instrument Repair
- Biomedical Equipment Technology
- Carpentry
- Computer Aided Drafting (CAD) Drafting Technologies
- Computer Careers
- Computerized (CNC) Precision Machining Technology
- Cosmetology
- Criminal Justice
- Early Childhood Education
- Electronics Technology
- Guitar Repair and Building
- Heating, Ventilating, Air Conditioning and Refrigeration
- Individualized Studies
- Industrial Technology
- Jewelry Manufacturing and Repair
- Legal Assistant Careers
- Massage Therapist
- Medical Support Careers
- Nanoscience Technician Assistant
- Network Administration & Technology
- Nursing Mobility
- Practical Nursing
- Radiography
- Retail Sales and Management
- Supervisory Management
- Truck Driving
- Violin Repair
- Welding Technology



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