
March 17-18, 2020

Blackwood County College

Hosts: Camden County Council College and New Jersey County Council College
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**ATEA JOURNAL**

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The American Technical Education Association (ATEA) was founded in 1928 and incorporated as a non-profit professional education association in 1960. In 1973 the national headquarters was moved from Delmar, New York to Wahpeton, North Dakota. In 2012 ATEA relocated to the Dunwoody College of Technology, Minneapolis, MN. ATEA is the only autonomous and non-affiliated international association devoted solely to the purposes of postsecondary technical education. ATEA is the leading association for the postsecondary technical educator with emphasis on professional development. Educators and individuals from business and industry come together at conferences to discuss the latest trends and developments in technology. The organization is dedicated to excellence in the quality of postsecondary technical education with emphasis on practical teaching ideas and best practices.
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American Technical Education Association

Values:
- To communicate the role and importance of technical education
- To share best practice
- To build professional relationships
- To identify trends that effect technical education

Mission

The organization is dedicated to excellence in quality of postsecondary technical education focusing on practical teaching ideas and best practices. ATEA recognizes outstanding performance and leadership and provides a network for career connectivity.
Dear ATEA Members,


We are in an era of students starting, stopping, and restarting in certificates, associates degrees and/or bachelor’s degree programs. Technical and community colleges are both a bridge back and forth and a fulcrum for pivots creating the capability for action that moves Americans into jobs in this economy.

The ATEA Journal profiles Mark Fujitake (page 17). With three years of biology, college debt and limited job prospects without a graduate degree, Mark decided it was time to make a change. He moved into the technical education world. Within in three months he was hired by a manufacturing company. His employer supported his work and education. Four years later, Mark has a supervisory position and is completing a bachelor’s degree.

The Journal reports on the 2019 Region 5 conference “Connecting What’s Not with What’s Next,” hosted by Dunwoody College of Technology, Minneapolis. The keynote, Jason Feist, Technology Manager for Seagate, spoke on, “Artificial Intelligence.” A summary of his comments is on page 10. There is a photo (page 13) of Dunwoody’s Dean of Construction, Bridget Reynolds and Construction Program Manager Heather Gay presenting “Girls Build Too,” a collaboration with the Girl Scouts engaging girls through building camps. They will present at the national conference.

The fall 2020 members’ conference is “Space Ports and Space jobs,” October 28 and 29 in Las Cruces, New Mexico, base for Virgin Galactic. There will be tours and panels with eco-system leaders who brought the spaceport to Las Cruces and Dona Ana Community College and New Mexico State University on how they partner to deliver the technical education that is needed in southern New Mexico with White Sands Testing Facility, the White Sands Missile Testing Range and Virgin Galactic. With 11 spaceports authorized in the United States, this is likely only the beginning.

I encourage you to stay connected with ATEA through the website, www.ateaonline.org. It is where new members can join, renew your membership, or register for conferences.

This edition of the ATEA Journal includes a preliminary national conference schedule. Updates will be on the ATEA website.

Best regards,

Sandra Krebsbach, Ph.D., M.S.
Executive Director
Dear ATEA Members,

ATEA is an organization for post-secondary technical educators and dedicated to excellence in technical education. In the coming few years I plan to work with the board and executive director to continue to ensure that ATEA provides the best support and opportunities for our members. With a focus on high quality technical education programs and practices our upcoming annual conference in historic Camden, New Jersey, is a great opportunity to connect with colleagues from all over the country, to explore other college systems and their practices, and to stay up on trends and emerging technology. I hope you will join me in Camden which is just across the river from Philadelphia as we hear from the New Jersey educators and others from around the country advocating for technical education through their work with industry partners and government leaders.

We also recognize exemplary leaders, students, faculty, and industry partners. It is a great way to raise the awareness of our member colleges and technical and applied education. I look forward to sharing this professional development opportunity with you.

In addition to the national conference, ATEA hosts regional conferences and more focused topical conferences around the country as the organization strives to provide opportunities to members to embrace trends in technology with like-minded colleagues. Please visit our website for a complete list of upcoming events.

In 2020 to 2021 I will work with the board to grow our organization. Community colleges are on the forefront of change in education in the US. Much of that will be increased technology and ATEA should be recognized as the entity leading and supporting positive changes in technical education. As technology continues to increase and permeate all sectors, all education will need to be somewhat technical in the future. To support that need, we will concentrate on growing our membership.

Part of the plan the board is working on to grow membership includes a strategy for strong leadership. We are adopting a leadership model that includes our board, the executive committee, a newly formed business council and three vice president positions. These three vice presidents will be assigned specific duties which will help us provide more opportunities and benefits to our members and grow our organizations. There will be more to come on this as we not only want to grow our membership, we also want to develop leaders to continue the great work of ATEA.

I look forward to the next few years and anticipate new members and new leaders emerging from this structure. I trust you will all join me in recruiting new members and organizations to come along with us as we promote and support the technical education that is so critical to the future of our country.

Best Wishes,

Sue Smith
President, ATEA
sgsmith@ivytech.edu
Executive Committee leadership 2020

Will be confirmed at the 2020 Annual Meeting in Camden

**Jon Connolly, Ph.D.** is the president of Sussex County Community College, Newton, New Jersey. Prior to this appointment to the presidency in 2015, he served in multiple administrative roles in institutions in Maine and Wyoming. He is a graduate of Colby College, Waterville, Maine, with majors in Biology and Geology-Biology; holds a masters of Forest Science from Yale University School of Forestry and Environmental Studies and a Ph.D. in Biological Science from the University of Maine. He has published many peer-reviewed research articles, and has presented at numerous conferences to international audiences and at many higher education leadership seminars.

**Mary Kaye Bredeson** is the Executive Director for the Center of Excellence (COE) of Aerospace and Advanced Manufacturing at Everett College, Everett, Washington. She was appointed in 2003. Mary Kaye focuses on a targeted industry that drives the state’s economy and is built upon a reputation for fast, flexible, quality education and training programs. The COE provides a central point of contact for industry employers to share their workforce needs with all 34 community and technical colleges within Washington state as well as other education and training providers. The COE for Aerospace has been very successful in implementing numerous state and federal Department of Labor grants focusing on building training capacity and transitioning students into high demand aerospace and advanced manufacturing jobs.

Through her travels to Dubai, Farnborough and the Paris Air Show with the governor’s delegation, Mary Kaye has made vital connections that have furthered her work within the state. Most recently, Mary Kaye was awarded the Dr. Idahlynn Kane Exemplary Leadership Award at the 2013 Chair Academy Annual Conference in Mesa, Arizona. She has been recognized for leading through collaboration.

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**Executive Committee Action and Recommendations at November 22, 2019 meeting:**

Voted to move Dr. Jon Connolly to Vice President to succeed Sue Smith in 2021 for a two year term 2021-2023 and Mary Kaye Bredeson to 2nd Vice President. They also voted to create a Vice President of Strategy which will be Mary Kaye Bredeson. Mary Kaye is the board liaison to the ATEA Business Council which will become part of the responsibility of the Vice Presidency of Strategy.

The Executive Committee also voted to recommend to the board creating 3 vice presidencies in the line of succession. Vice presidency position creation requires board action to incorporate into the bylaws at the March 17, 2020 meeting.

**The Succession vice presidencies could be filled in three ways:**

1) Self-nomination by ATEA board member; 2) Nomination by ATEA Board member of fellow board member or ATEA member; and/or 3) “tapping” a technical education leader to serve in a vice presidency.

The Executive Committee will identify the areas of responsibility at their January 14 meeting.
Board Actions

Bob Wallace
ATEA Director for Finance and Treasurer
2011-2019 will be awarded the first

American Technician Education Association Board Emeritus Award

Bob provided outstanding service to ATEA with budget oversight and fiscal planning. Bob will be presented the award at the ATEA Annual Meeting on March 17, Camden County College, Blackwood Campus, New Jersey.

Dr. Scott R. Mickelsen is the President of Dawson Community College in Glendive, Montana, since July 2016. Prior to the presidency, he was the Vice President of Academics at DCC. Dr. Mickelsen is a member of AACC’s Commission of Small and Rural Colleges and serves on the boards of Dawson County Economic Development Council and Makoshika Wellness. Previously, Dr. Mickelsen served as Associate Dean and Interim President at University of Nebraska’s College of Technical Agriculture in Curtis, Nebraska. He has also held positions at North Central Technical College in Wausau, Wisconsin, and at Iowa Lakes Community College in Estherville, Iowa. Dr. Mickelsen received his doctorate in Agriculture Education from Iowa State University; both his MS Adult Education and BS-Agriculture Education from Utah State University and an associate’s degree from Ricks College, Idaho.

ATEA Business Council Co-Chairpersons:

1. Provide guidance and technical expertise for professional development of college faculty.
2. Serve as presenters at conferences and technical training seminars.
3. Provide oversight and judging for ATEA student competitions. Have input to the focus and content of future student competitions. All ATEA sponsored competitions will have half of the judges be from private industry.
4. Develop relationships with colleges and faculty to strengthen your corporate brand identity in the technical education community.
5. Support youth and adults who have selected technical education as their pathway to a career.
6. To increase brand identify with technical education and to expand “good name” by promoting technical education and great jobs.
7. Business Council will meet with ATEA board at the national conference.
8. Communicate technical skills needs on a national basis.
9. Business Council members will have a webpage of their members with photo, company logos and links.

To join click on business membership—be part of leadership team those ideas are heard and whose businesses thrive because they know and understand technical education and its role and importance.

Business Council Membership Benefits

Paul Perkins, President and CEO, Amatrol
ATEA Executive Committee Liaisons to convene the Business Council

Al Bunshaft, SVP Global Affairs, Dassault Systèmes

Bob Wallace
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Presenting “Girl Power” program in partnership with the Girl Scout of America, to engage girls in a hands-on construction project.

L-R Heather Gay, Program Manager - Construction Management & Surveying/Civil Engineering and Bridgett Reynolds, Dean of Construction Sciences and Building Technology, Dunwoody College of Technogym, Minneapolis.

ATEA Region 5 Conference

What’s NOW with what’s NEXT in technical education

Was Held...

October 2-4, 2019 | Dunwoody College of Technology | Minneapolis, Minnesota
Eeris Fritz, Academic Support Specialist, sharing her nationally recognized for YouTube Videos of her unique and effective style of teaching math.

Region 5 Trade Show conference participants talking with Michael Heyman Events: Tierney Brothers.
“Artificial Intelligence: Relevant Analytics, Key Skill Sets, and Industry Trends.”

Jason Feist, Managing Technologist, CTO Office, Seagate Technology, Bloomington, MN

Jason is a storage technologist. He has earned five patents and built a career that spans engineering, market development, product planning, product development, research, and innovation. As a thought leader, he has implemented complex technical solutions in the storage industry related to hardware, software, and systems.

“The world is going to create 175 zetabytes of information by 2025. There are not enough factories in the world — both hard drive storage, solid state storage, DRAM (dynamic random-access Hmemory) — that can even create enough devices to hold all of this information moving forward. So what does that tell us? It tells us that we have to come up with software solutions that can make sense of the data, and then only store the relevant information and discard the rest.”

To put that in context: one zetabyte is equal to a trillion gigabytes.

In order to give context to the huge increase of data that will be generated in the coming five years, Feist covered the history of computing — from mainframes up to the advent of cloud computing platforms like Amazon Web Services and Microsoft Azure, which allow companies of all sizes to collect, store, and serve data to employees, customers, and users across the world through mobile applications. This meant that a company didn’t need to build its own data infrastructure on site, but instead could start by leasing only what it needs and then easily scale up as it grows.

“Now that we’ve learned how to use systems differently and move data around the world seamlessly there’s going to be a whole other slew of applications and enterprises created which we call IT 4.0,” Feist said.

IT 4.0 will be driven by a number of technologies, specifically:
1. The Internet of Things, especially data collecting sensors on parts, equipment, vehicles, devices, etc.
2. 5G networks, which are 30 times faster than 4G and make it more realistic to collect data from internet-connected devices
3. Machine Learning and AI, which make it possible to analyze data that’s collected, especially large data sets
4. More efficient and powerful storage and computing hardware for storing and analyzing data

This is where machine learning and AI-driven analytics, comes in. For example, Feist’s employer Seagate has 7 factories across the world each of which creates 20-30 terabytes of information per day. The components built in these factories, such as a data storage wafer used in a hard disk drive, might be in the manufacturing process for up to six to seven months.

“We want to track and understand and make decision on those parts as soon as we can,” Feist said. “If they’re faulty, we want to move them out of the supply chain to make sure that we can meet demand and not have something sitting for three months that’s not usable in the end.”

The ramping up of data generation, collection, storage, and analysis from internet-connected devices is going to require a lot more workers with the skills to match. This means everything from data scientists, network engineers, and database managers to 5G network installers, software engineers, and automated systems and controls engineers. In particular, Feist pointed out that because IT 4.0 is betting on major hardware (especially data storage) and network innovations and implementations, there’s a lot of opportunity for electrical, electronic, and mechanical engineers to come up with new designs, and for industrial engineers and technicians to manufacture them— not to mention all of the technicians who will install, maintain, and optimize the hardware and networks.

“There is a massive need for workforce development in software, hardware, and infrastructure to enable value creation and decision making with artificial intelligence and machine learning,” Feist said.

He also noted that there’s a need to diversify the field, especially in data science.

With IT 4.0 just around the corner, technical colleges and universities will need to update current programs and add new ones — and make sure they continue to connect with young people and underemployed or displaced workers to help bridge the skills gap and ensure that the innovation that is coming is deployed effectively across industries and regions.

Summary:
1. Massive need for workforce development in software, hardware, infrastructure to enable value creation and decision making with AI/ML.
2. The creation of online coursework, open source collaboration forums, and new methods of instruction will be relevant to the next generation.
3. Analytics will continue to improve our efficiency, will impact our daily lives through connected devices, and deliver decision making faster than ever.
4. Obvious growing trend in the value of data and capitalizing on it for things beyond IT is emerging.

PRESIDENT DON BORDEN

INVITES YOU TO BLACKWOOD CAMPUS OF CAMDEN COUNTY COLLEGE, CAMDEN, NEW JERSEY

Camden County College is thrilled to host the American Technical Education Association Conference this spring. Like ATEA, Camden County College is committed to connecting educational institutions, business, industry, labor and government to enhance workforce development strategies. What better place to hold this important conference than one of the strategic hubs of workforce training and technical education in the Delaware Valley? We look forward to showing off our beautiful campus.

Don Borden, President, Camden County College

“We are uniquely positioned to lead”

Two year colleges both community and technical colleges have the leadership and partnership capacity to build technical education pathways to meet the needs of a rapidly changing economy.

Nationally, a strong system of technical education, that starts in high school and extends through two-year colleges with possible paths to further education and training, is critical to the future of our country in a rapidly changing global economy. As community and technical colleges, we are a fulcrum of this system. We are the point on which this system moves. We cannot do this work alone.

The 2020 ATEA conference, entitled Leadership and Partnership: Building Technical Education Pathways to Meet the Needs of a Rapidly Changing Economy, will focus on innovative partnerships with high schools and colleges, new ideas for engaging employers in this important work, and the impact of the changing skills needs of employers on technical education. When the conference ends, we hope that you will leave Camden County, New Jersey with new ideas, new connections and new energy to support all of your efforts to lead technical education across the country.

We welcome ATEA to New Jersey, to learn more about our efforts and to discuss innovative efforts of community and technical colleges across the country to lead technical education pathways, to build broad partnerships and to build a skilled innovative workforce to drive economic growth.

Paul Perkins, President & CEO, Amatrol
Schedule

Tuesday March 17

8:00 - 11:00 ATEA Board Meeting
Blackwood Campus, Faculty Dining Room, Connector Building

11:00 Trade Show Opens - Blackwood Campus, Connector Atrium

11:30 Welcome to the ATEA National Conference on Technical Education Connector Atrium

Sue Smith
ATEA President,
American Technical Education Association
Board of Trustees

Donald Borden,
President of Camden County College
Welcome and Greetings

Co-Chair
Dr. Aaron Fichtner,
President of the New Jersey Council of County Colleges

Co-Chair
Dr. Jon Connolly,
President of Sussex County Community College, Newton, NJ,
ATEA 1st Vice Paul Perkins, President and CEO of Amatrol Inc.
Platinum conference sponsor

12:00-12:45 Lunch in the Trade Show Connector Bldg. Atrium

12:50-1:45 Opening General Session—Civic Hall Auditorium, Connector Bldg.
“We are uniquely positioned to lead in the rapidly changing economy”
Dr. Aaron Fichtner, President of New Jersey Council of County Colleges
Q & A ATEA and New Jersey County College

2:00-3:00 Breakout session—Connector Building and Madison Hall
Breakout 1

CTE Partnerships in Health Care
ATEA: Dr. Lin Zhou, President, Bates Technical College, Tacoma WA
“Healthcare Academy” Bates Technical College participates with local health care providers, school districts and other institutes to promote high school students entering health careers
New Jersey County College:
Breakout 2

Importance of Employer Engagement
Dr. James Barrott, Executive Vice President, College of Applied Technology Programs, Chattanooga State Community College, Chattanooga TN
Partnership with Wirten where they bring students to us to enroll in a newly developed program called Road Building Equipment Service Technology (RBEST). It is a hybrid between Industrial Maintenance and Diesel Technology. Enrolled students learn how to maintain road building equipment, essentially a mobile manufacturing plant. I will present how we engaged with this employer to meet their needs. c. Work-based learning models for technical education: apprenticeships: We have two colleges working with them.

New Jersey County College Comments and Q & A

Discussion of the Conference Model
Breakout 3

**Engaging Girls in Technical Education: “Girls Can Build Too”**

Become inspired to work with community and industry partners to bring next generation of young women into your classroom. Learn about their successful summer camp “Power Girls” hosted by the Girl Scouts River Valley where 55 middle school girls built two micro houses over the course of 4 days. Discover the sustainable strategy, evolution and future plans of this multi-year initiative.

New Jersey County College Comments

Bridget Reynolds, Dean, Construction Programs, Dunwoody College of Technology, Minneapolis MN

Heather Guy, Program Manager, Construction and Surveying/Civil Engineering and Facilities Management, Dunwoody College of Technology, Minneapolis MN

Breakout 4

**Essential Skills for Future Economy**

FESTO Gold Sponsor

Tony Oran, Vice President of Sales and Marketing, FESTO

As the U.S. rapidly converts to a new type of industrial economy of automation and workflow optimization, Advanced Manufacturing is changing the way people, data, and machines interact. Careers in this field are now demanding highly technical roles that require some post-secondary education and a mix of hard and soft skills. Skills like computer programming, problem solving, creativity, and mathematics are all essential for I4.0 workers to possess.

This session will cover how proper and holistic I4.0 training will empower the next generation of manufacturing workers to become nimble and adaptable, reaching beyond techniques that only serve them in the short-term, giving them access to a wider spectrum of real-world experience they need to become industry experts for long-lasting careers.

ATEA and New Jersey County College comments

3:15-4:14  General Session II Civic Hall Auditorium, Connector Building

Two-Year Colleges as the Fulcrum of Technical Education: Pathways from High School to College and beyond k-12, certificate and degree completion, pathways to engineering and connection to business and industry

ATEA

Dr. Bryan Albrecht
President of Gateway Technical College, Racine/Kenosha, Wisconsin

Mr. Jim New
Vice President for Administrative Services, Truckee Meadows Community College, Reno, Nevada

New Jersey County College comments
4:30-5:00  Reception Cyber Café Bistro
5:00-5:30  Annual Meeting Civic Hall Connector Building
5:30-7:00  Dinner & Awards Program ATEA National Awards & ATEA 3D Futures Competition Awards

**Wednesday March 18**

8:00-9:00  Trade Show Atrium Space/ New Jersey County College Registration & Continental Breakfast For All

9:00-9:15  Civic Hall Connector Building
Greetings and acknowledgement:
Donald Borden, President of Camden County College
Sue Smith, ATEA President
Co-chairs: Dr. Aaron Fichtner and Dr. Jon Connolly

Introductions:
Dr. Sandra Gehlen Krebsbach, ATEA Executive Director
ATEA Board members
New Jersey County College Committee
Major Sponsors

9:15 - 10:15  **Keynote: David M. Daly, President and COO, PSEG**
“How PSE&G is changing due to technology and economic competition: What are the workforce needs of PSE&G, industry and the broader economy?”

David Daly is President and COO of PSEG and Clean Energy Ventures with oversight of the company’s utility operations, as well as development of its clean energy and renewable generation businesses, effective January 2020. He is also president of Public Service Electric and Gas Company (PSE&G), a position he had held since October 2017. PSE&G is New Jersey’s oldest and largest regulated gas and electric delivery utility, serving approximately 2.4 million customers, nearly three-quarters of the state’s population.

Q & A

10:30 - 11:30  Breakout Session Connector Building and Madison Hall
1. Non-credit pathways in two-year colleges
   Dr. Anthony J. Iacono, President, County College of Morris
   ATEA comments

2. Work-based learning models for technical education: apprenticeships
   ATEA: Dr. James Barrott, Executive Vice President for Tennessee College of Technology (TCAT) Chattanooga State Community College
   Chattanooga TCAT has two college sponsored apprenticeship programs in place, Industrial Maintenance and Welding, and are working on several others. Dr. Barrott will present their experience with the apprenticeship development process and programs that run on the apprenticeship model.
3. Embedding Student Success Strategies in the Classroom to Promote Self-efficiency.

ATEA: Eeris Fritz, Center for Success, Dunwoody College of Technology, Minneapolis and nationally known YouTube math instructor.

New Jersey County College Comments

4. “How to create a Career and Tech Ed space and new program in 2020”

Dr. Jon Connolly, President Sussex County College, Newton, New Jersey

11:30-12:30 Buffet Lunch and Trade Show

1:00 Trade Show Ends

12:30 - 1:30 General Session Speaker: Matt Kirchner, President Lab Midwest

“infinity.0: Preparing Our Students for a World that Does Not Exist”

Calling on nearly 30 years of experience in high-tech, advanced manufacturing and education, Matt Kirchner will share relatable examples of how these new technologies are revolutionizing nearly every aspect of the economy and will provide real-world accounts of how leading educators have deployed innovative curriculum, technology and approaches to prepare students for emerging career pathways.

Matt Kirchner, President of world-class curriculum, eLearning and training equipment distributor LAB Midwest, and a company he acquired in 2015. Kirchner previously served in the roles of CEO and COO, during a 25 year career leading 3 American manifesting companies. Author of, “Teaching the Industrial Internet of Things: Preparing Students and Learners for Industry 4.0” a selected article for Google.

Q & A

1:45-2:30 Forum

“Solutions for the Future: What do we need from state and federal governments to ensure a vital and innovative future of technical education?”

Moderated panel and participant discussion

2:30-3:00 Closing comments and refreshments Atrium

Thank you New Jersey Council of County Colleges and ATEA members from across the county

“We are uniquely positioned to lead”
American Technical Education Association is hosting
“Space Port and Space Travel: An Up-Close Look at Southern New Mexico”

Dona Ana Community College and New Mexico State University’s response to new technical training and education needs of the changing Southern New Mexico ecosystem of industries related to NASA’s White Sands Testing Facility, Spaceport American, Virgin Galactic and space travel.

October 28 and 29
Las Cruces, New Mexico

CONFERENCE INCLUDES:
Session at White Sands Testing Facility
Tour of Spaceport base for Virgin Galactic suborbital launches
Panels of New Mexico government, economic development and technical community that brought about the Spaceport
Panels of New Mexico postsecondary and higher education leaders and faculty and what they did to meet the needs of the space industry and travel.
Networking receptions

Registration opens on the ATEA website
March 1 for members: individual or part of an institutional System or Business Membership—must be in the database.
$650
May 1st for non-members who can join at that time.
$750
Contact Dr. Sandra Gehlen Krebsbach at skrebsbach@dunwoody.edu
Or 612-381-3315

Author, Sandra Krebsbach, Ph.D., M.S.
Skilled trade certification careers

Mark Fujitake, Controls Engineering Technician Supervisor, Design Ready Controls
Brooklyn Park, MN

The American Technical Education Association (ATEA) has as its primary mission, communicating the role and importance of technical education. As the Executive Director, I want to share a story of technical education, starting with a certificate, changing a life.

Mark Fujitake, is an example of technical certificates giving him a career base in manufacturing that moved him in 4 years from a new hire in a technical field to a supervisor of technicians.

His story is similar to many, an unfinished bachelor’s degree with debt. In 2010, Mark started a biology degree. Three years into it, he needed to make a change because he did not see a path to employment beyond basic lab work without a doctorate. He decided to explore other career options with training and a job and so he would “end up debt free.” Mark first considered a powerline apprenticeship in rural Minnesota. It would pay well and give him training. Although he did not go into the powerline program, it opened the world of technical training and jobs that he had not seen before which ultimately changed his life. By 2015, Mark applied and was accepted in a two year associates program in electronic technology at Dunwoody College of Technology, in Minneapolis. Within three months of starting the program, Mark was hired at Design Ready Control. It was at an entry level but according to Mitch DeJong, Ph.D., Chief Technology Officer at Design Ready Control,

“Mark had the employability skills we look for: reliance, teamwork, drive and responsibility – we hire and then train. Mark also was already working on certificates that would provide evidence of his abilities before he completed the associate’s degree.”

At Dunwoody, Mark was encouraged to take certificate tests as he moved through the program. He took seven in all which helped him advance on the job while finishing the two year program. On the job, this employer continues to support both his credit based learning and certificate learning to advance his career.
INSTITUTIONAL Membership Application

American Technical Education Association, Inc.
Dunwoody College of Technology
Dunwoody Boulevard
Minneapolis MN 55403

NAME OF College
_____________________________________

NAME OF CONTACT PERSON:
_____________________________________

ADDRESS:
_____________________________________
_____________________________________
_____________________________________

PHONE:
_____________________________________

EMAIL:
_____________________________________
_____________________________________

1. ____________________________________
2. ____________________________________
3. ____________________________________

Email list of members for Institutional Supporting or System Level
Web Site:____________________________________

Annual Dues: $500, $1000, $5000

Pay by Check   Or       Pay by Credit Card or call with Credit Card information

Make check payable to: ATEA

Mail to:
ATEA
Dunwoody College of Technology
Dunwoody Boulevard
Minneapolis MN 55304

Call 612-318-3315 to pay credit card or for secure fax number

F.E.I. #14-6012422

Benefits of Institutional Memberships:
• ATEA media response team
• Members in the news on ATEA webpage
• Nominations for Awards Program (Outstanding Technical Teacher, Student and Program Awards)
• Share and exchange ideas with business and industry
• Hard copies of the ATEA Journal upon request
• Member Spotlight—features member institutions
• Eligible for ATEA committees and board position
• Eligible for fall member special focus conference
• Reduced conference registrations for all listed in the membership
• Insurance options through GEICO

• Institutional $500—three college personal as members
• Institutional Supporting $1000—10 members can be from your college or from college ecosystem.
• System Level, $5000—100 members include your college or system with the same benefits.

Credit Card Information:
___Visa ___MasterCard ___Discover ___AmEx

Card Number ______________________ 3 digit code: ___________
Expiration Date ______________________
Signature ______________________
Name as it appears on card —________________

For inquiries, or assistance please contact the ATEA National Office at: 612-318-3315

Join ATEA online through our website: www.ateaonline.org
**What is the American Technical Education Association?**

ATEA is an autonomous, non-affiliated international association devoted solely to the purposes of postsecondary technical education. It is an organization dedicated to excellence in the quality of postsecondary technical education with emphasis on professional development. ATEA is a driving force behind workforce development.

ATEA was founded in Delmar, New York in 1928 and incorporated as a non-profit professional education association in 1960. In 1973 the national headquarters moved from New York to Wahpeton, North Dakota to the campus of North Dakota State College of Science. In 2012 the national office moved to Dunwoody College of Technology, a private non-profit technical college founded in 1914 in Minneapolis.

**Mission:**

The American Technical Education Association (ATEA) is a leading association for the postsecondary technical educator with emphasis on professional development for postsecondary technical educators. The organization is dedicated to excellence in quality of postsecondary technical education by focusing on practical teaching ideas and best practices. ATEA recognizes outstanding performance and leadership and provides a network for career connectivity.

**Goals:**

- Promote high quality technical education.
- Advocate the value of technical education to society.
- Disseminate information regarding current issues, trends and exemplary practices in technical education.
- Partner with educational institutions, business, industry, labor and government to enhance workforce development strategies.

**Top Ten Reasons to Join ATEA:**

10. Workforce Development
9. Voice for technical and applied education
8. Share best practice
7. Active involvement with business and industry
6. Opportunity to respond to national media requests
5. Subscription to the ATEA Journal
4. Regional and national conferences
3. Awards for outstanding performance and leadership
2. Professional growth and development
1. Networking with technical education professionals

**Annual Membership Rates:**

- Individual Members: $75
- Individual Retired Members: $30
- Individual Student Members: $15
- Individual Life Membership: $600
- Institutional Members (3 members): $500
- Institutional Sustaining (10 members): $1000
- System Membership (up to 100): $5000
- Corporate/Business Members: $500 and $1000

To join online or print a membership form, please visit: [www.ateaonline.org/Membership](http://www.ateaonline.org/Membership)

Email questions on membership to: info@ateaonline.org
ateaonline.org

Join online:
All individual, institutional and business membership levels

Register online:
2019 National Conference Registration
2019 National Conference Trade Show Registration
2019 National Conference Sponsorships

YouTube - ATEA Channel
Twitter - @atealine

Contact the National Office:
Address: 818 Dunwoody Blvd, Minneapolis, MN 55403
Phone: 612-381-3315
Email: info@ateaonline.org
Executive Director email: skrebsbach@dunwoody.edu

UPCOMING ATEA CONFERENCES

2020

March 17-18, 2020

October 7-8, 2020
Region 5 “Adventure is the Best Way to Learn” October 8-9, Watertown, South Dakota, host Lake Area Technical Institute

October 28-29, 2020
Member conference “SpacePorts and Space Travel, training and jobs,” Las Cruces, New Mexico, program chairs: SpacePort America, White Sands Testing Facility and Dona Ana Community College.

Join ATEA register for the member conference: ataonline.org

2021

March 1-3, 2021
ATEA National Conference, Biloxi, Mississippi, Beau Rivage Hotel, host Mississippi Board of Community Colleges

American Technical Education Association
A premier association for the post secondary technical educator, with emphasis on professional development.

ATEA
818 Dunwoody Blvd,
Minneapolis, MN 55403

Located on the Dunwoody College of Technology Campus

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