

New York State Engineering Technology Association

Minutes of the Spring 2013 Meeting Held on April 3rd-4th, 2014 at Excelsior College

The conference opened with a breakfast buffet at Excelsior College. The following individuals attended:

<u>First Name</u>	<u>Last Name</u>	<u>Associated College</u>	<u>First Name</u>	<u>Last Name</u>	<u>Associated College</u>
Ed	Tezak	Alfred State College	Richard	Prestopnik	Fulton-Montgomery CC
Timothy	Cochran	Alfred State College	Jeremy	Spraggs	Fulton-Montgomery CC
Joy	Carlson	Alfred State College	Bill	Darling	Hudson Valley CC
Slade	Gellin	Buffalo State College	Christine	LaPlante	Hudson Valley CC
Tony	Hotchkiss	Buffalo State College	Mark	Oliver	Monroe CC
John	Campbell	Cayuga CC	Fred	Schoenfeld	Nassau Community College
Jon	Balke	Corning CC	Marguerite	Newton	Niagara County CC
Susie	Balke	Guest	Dave	Krispinsky	RIT
Shambhu	Shastry	Excelsior College	Steven	Ciccarelli	RIT
Li-Fang	Shi	Excelsior College	John	Stratton	RIT
Jessica	Earon	Excelsior College	James	Hurny	RIT
Kandi	Heins	Excelsior College	Jayne	Baran	SUNYIT
Timothy	Pafundi	Excelsior College	Mohammed	Abdallah	SUNYIT
James	Antonakos	Excelsior College/Broome CC	Iulian	GherasoIU	SUNYIT
Joe	Zahra	Joe Zahra Associates	Mohamed	Rezk	SUNYIT
Ron	Vaughn	PE	Daniel	Moelleman	Fort Miller Co.

The following exhibitors and patrons participated and helped support the conference: **Allegheny Educational Systems, Cengage Learning, Empire Technical Training Systems, Goodheart-Willcox Publisher, HiTech Inc., Excelsior College and Joe Zahra Associates.**

Dr. Ernst, Vice President for Innovation and Strategy at Excelsior College, welcomed everyone.

The plenary speaker was Jane W. Blair from the New York State Education Department (NYSED). She presented information about the New York State license certification and examination process. As of January 1, 2014, the fundamentals exam (FE) is now computer-based and offered four times a year at 2-month intervals (Jan-Feb, April-May, July-August, October-November). Students from an ETAC-ABET accredited Bachelor of Science in Engineering Technology program can sit for the FE exam after they have graduated. Students register through NCEES. Results of the testing are available in 7-10 days.

Following the plenary session, interest group sessions were presented as follows:

Mechanical/Energy/Manufacturing

- *"The Real Basics of Engineering Economics"* – John Stratton, RIT
- *"Incorporation of Additive Manufacturing to Engineering Technology Curricula"* – Jerry Crucetti, HVCC
- *"Addressing the Skills Gap/Workforce Credentials"* – Joe Zahara, Joe Zahra Associates

Electrical

- *"Teaching Microprocessor Architecture"* – James Antonakos, Broome Community College
- *"Closing the Gap: Affective Domain Learning in Security Awareness Training"* – Dr. Jane LeClair and Dr. Li-Fan Shih, Excelsior College
- *"Engineering Technology: An Evolution, Yesterday-Today-Tomorrow"* – James Hurny, RIT
- *"Demonstration of the Analog Discovery \$99 Electronics Measurement Lab"* – Fred Schoenfeld, Nassau Community College
- *"Using Simulations to Enhance Student Engagement in online Nano Courses"* – James Antonakos and Dr. Shambhu Shastry, Excelsior College
- *"MATLAB as a Computational Tool for AC Circuit Analysis"* – Timothy Cochran, Alfred State College

Architectural/Civil/Environmental/Construction

- *"The Real Basics of Engineering Economics"* – John Stratton, RIT
- *"Unique Concrete Technologies"* – Ron Vaughn, PE
- *"Super-Slab for Rapid Concrete Pavement REpair"* – Dave Moelleman of Fort Miller Co

Interest group meetings were held after the technical sessions.

The evening banquet was held Thursday night at the Holiday Inn. The guest speaker was Dr. Steven Ernst, Vice President for Innovation and Strategy at Excelsior College. Bill Darling and Maria Hull (posthumous) received Elliot Colchamiro awards for their significant contributions to NYSETA. Maria's husband attended and accepted her award.

The breakfast business meeting on Friday morning was held at the Holiday Inn. The business meeting was called to order at 8:45 am by President John Campbell. John thanked everyone at Excelsior College for hosting the conference.

The plenary speaker on FE/PE registration and testing was discussed, as well as proposed changes to allow engineering technology students to sit for the FE their senior year and to receive an EIT certificate when the FE was passed. A motion was made by John Stratton to have CETNYS write a letter of support for the proposed changes. Jayne Baran seconded the motion and the motion was unanimously supported.

Seamless transfer issues were discussed (limit of 64 credits, questions about waivers to the 64 credits) A motion was made by Fred Schoenfeld (and seconded by Jayne Baran) to send a letter to Tina Good (President, Faculty Council of Community Colleges) expressing the concerns by NYSETA members. All members voted in favor of the motion.

Minutes from the fall 2013 meeting were approved. News will now be gathered at the conferences (and from individual members) and posted on NYSETA's website. Jayne Baran reminded everyone that updates to the listserv can be sent to her. Updates to the mailing list can be sent to Fred Schoenfeld.

John Stratton noted the following schedule and asked everyone to consider hosting a future conference. The executive committee is willing to help.

Fall '14	Niagara County Community College
Spring '15	Joint w/ ASEE or RIT event? (Executive Board)
Fall '15	SUNYIT
Spring '16	Cayuga Community College

Officers were elected for a 2-year term. Thanks to Rich Prestopnik who served as the nominating committee chair.

- President: John Campbell
- Vice-President: John Stratton
- Treasurer: Fred Schoenfeld
- Secretary: Jayne Baran

Steve Ciccarelli (Electrical and Computer), Slade Gellin (Mechanical) and Marguerite Newton (Civil/Architecture) summarized the interest group sessions. See attached minutes for the electrical and mechanical interest group minutes.

The NYSETA Scholarship Committee chair, Jon Balke, reported on the scholarship results. Nine \$500 scholarships were awarded. The students, who were nominated by faculty members, demonstrated talent and leadership in campus service, student activities and outstanding scholarship. The scholarship winners came from seven different institutions.

Award Recipients

- Angelina Thomas - Nassau CC
- Jason Lakeram - Nassau CC
- Tyler Fox - Alfred
- Carley Youngman - Alfred
- Dakota Marshall - Cayuga CC
- Hisham Sageer - NYCCT
- Anthony Bruno - Buffalo
- Melinda Savage - Erie CC
- Richard Kohn - FMCC

Congratulations to these deserving students and thank you to their faculty nominators!!!

John Campbell reminded everyone to e-mail him nominations for the "Elliot Colchamiro Award".

The meeting was adjourned at approximately 10:00 am for a tour to the College of Nanoscale Science and Engineering.

Respectfully submitted by Jayne Baran, Secretary of NYSETA
Approved by the Executive Board June 11, 2014