

**ETD Section Activities Report
February 2008**

**Jerome Tapper
Northeastern University
Boston, MA**

Northeastern University – School of Engineering Technology, Boston, Massachusetts

To: Scott Dunning, ETD Chair
From: Jerome Tapper
Subject: ETD Section Activities Report

February 1, 2008

Scott,

In preparation for the ETD section activities report to be given at the 2008 CIEC annual conference to be held in New Orleans, Louisiana, please find enclosed a copy of the activities material I have received to this point in time as of the last meeting, the ASEE Conference in Honolulu, Hawaii in June 07

After 3 activities Calls, there were 7 of the 12 Sections reporting activities. It is really great to see that there are folks out there who are interested in spending the time to help promote their interests and those of ETD.

College of Engineering
School of Engineering Technology

Electrical Engineering Technology

Jerome Tapper
Associate Academic Specialist

Office:
471 Snell Engineering Center
Laboratory:
Industrial Control Systems Laboratory
5 Hayden Hall

Phone: 617.373.3813 (Office)
Phone: 617.373.8544 (Laboratory)
Fax: 617.373.2501

E-mail:
jtapper@coe.neu.edu

As you know, it was decided at our last board meeting to change the format for section activities to a smaller, more friendlier format. This format is best described as a quickie one or two sentence activities description-teaser in addition to a web-site address to allow readers to get a more in depth view of the activities of the person or persons at the particular institution submitting the materials. Although some of the data provided is still somewhat lengthy, I feel that in coming announcements, folks will become better at providing smaller descriptive information bites.

I want to thank all of those who responded with section activities events and information. Keep up the good work!

p.s. I know that with the large amount of ETD institutions, there must be more folks who are doing things at their institutions that would like others to hear about it. We are only as good as we can promote ourselves. Let's do better next time!

Best regards,

Jerry Tapper

CALL FOR SECTION ACTIVITIES

E-MAIL POSTING

Colleagues,

Happy New Year and welcome back!

We are getting very close to our CIEC meeting in New Orleans in February. Please pay close attention to the notice below!!!!

FREE PUBLICITY FOR YOUR SCHOOL AND PROGRAM!!!

Let's Beat the Record for Responses !!!

There are about 137+ 4-yr. Engineering Technology Schools in the U.S. not including a serious number of 2-year ET institutions. With that many, I believe that there must be at least one thing going on at each school that would be of interest to the ETD community at large....So!

It is that time again for you to promote the activities that you have had at your institution since the Summer ASEE meeting in Honolulu this past June. If you have had activities since then or are planning for activities in the future we are also interested in hearing from you about these.

This message is for everyone, even if you are not attending the CIEC meeting!

I would like to remind you folks to only send me a sentence or two (ONLY) describing the events. Long descriptions are really difficult to transcribe. Also, if possible, you should include a web site address where others can look for additional details of your events.

IMPORTANT!!! Please state the name of your school and its location. i.e. Boston, Massachusetts. This will help me a lot!!!!

I look forward to receiving your event materials.

Best regards,

Jerry Tapper, ETD Section Activities
Northeastern University, Boston

The following ACTIVITIES material was received:

ASEE St. Lawrence Section

Item #1

REGISTRATION IS OPEN for the ASEE Zone I, Spring 2008 Conference: Engineering Education: 21st Century Frontiers. The conference and workshops will be held on March 28-29, 2008 at the United States Military Academy, West Point, NY. The deadline for abstracts is January 18, 2008! Please visit the conference website for registration, abstract submission, and other details.

Conference Website:

<http://www.west-point.org/academy/aseez1c/>

Conference Organizer:

Grant Crawford

bobby.crawford@usma.edu

phone: 845-938-4247

Item #2

I've completed a textbook on "Digital Processing of Analog Signals: a first look with MATLAB" It is geared towards the EET student.

Thomas Young, RIT, Rochester, New York.

Item #3

The Canadian Council of Technicians & Technologists (CCTT) is pleased to announce that **National Technology Week will be held from November 3-7, 2008.**

Please visit www.cctt.ca for details on "Careers in Technology".

I.J. LeBlond

Program Manager

1-800-891-1140 x224

ASEE St. New England Section

Item #1

The University of Maine School of Engineering Technology in Orono, Maine has continued to see enrollment growth with close to 100% job placement for our graduates. Some of our highlights are:

The Surveying Engineering Technology program received successful accreditation by ABET, inc. Support for this program continues to grow with the number of student scholarships now up to 10 and funding was successful for establishment of a permanent public RTK cell modem-base GPS base station on the roof of Boardman Hall.

Demand for the Construction Management Technology program continues to grow and they are now the biggest program in the School of Engineering Technology. They were pleased to announce recently the generous scholarship established by Nickerson and O'Day in honor of the work and contributions to the construction industry by Mr. Jack Kelly III.

This year Phil Dunn (CMT) was honored with the ASCE 2007 Citizen Engineer Award for Region 1. He also was awarded the Associated Schools of Construction's National Teaching Award and the University of Maine's Dean Lucy award for involvement with community activities.

Mechanical Engineering Technology students are enjoying our new joint MET/ME Materials Testing Laboratory

Demand for EET graduates due to their strong power systems background has created a competitive environment with graduates being courted by utilities and engineering consulting firms that are in the midst of a growth period. In response, the EET program is developing a new power course to provide additional expertise for our graduates.

Scott

Scott C. Dunning, Ph.D., P.E.
Professor and Director
School of Engineering Technology
Assistant Dean, College of Engineering
5711 Boardman Hall, Room 119
Orono, Maine 04469-5711
Phone: (207) 581-2341
Fax: (207) 581-2113

ASEE Middle Atlantic Section

Item #1

OK. You asked for it. I am from a 2 yr campus at Penn State - Fayette in Uniontown, PA (SW corner of the state). I teach a TAC of ABET program in HVAC design. We also offer the first two years of BS engineering (before students transfer to Happy Valley for the last two years). We do have an active program as listed below

Summer STEM Enhancement Camp for Under-Achieving High School Freshmen. The ET faculty provided the first week of this 3-week program to demonstrate why these students need to study math and science in HS, and college programs that they can enter after graduation.

Summer Space Experience for Females in Grades 4 to 6. This two-week (half day) program teaches girls to fly our Space Shuttle Simulator the first week (a 30-minute simulation from launch to landing). In the second week they learn about Mars in preparation of a 30-minute landing with assigned responsibilities.

One of our ET students provided the volunteer services to ASHRAE at the Region III Chapters Regional Conference (CRC) in Norfolk, VA in August.

Our ET students provided the volunteer services to ASHRAE at the reception for students participating in the 2007 Solar Decathlon in Washington, DC in October.

Our ET students provided the volunteer services to ASHRAE at the IAQ 2007 international conference in Baltimore in October.

E-Days - Offered after Thanksgiving each fall, our freshman engineering students design hands-on activities for gifted middle school students in the region. This year's theme was "Structure your Future" and featured a shaker table to simulate earthquakes, building structures with food (spaghetti and gum drops) and balloons, etc.

E-Week will feature ASHRAE presidential member Terry Townsend talking about our industry's responsibility for global warming. We will present the ASHRAE Advanced Energy Design Guide for K-12 Schools to participating school district superintendents.

MathCOUNTS regional competition for middle school students will be Tuesday, Feb 5.

Our ET students will man the ASHRAE table at the Carnegie Science Center on Feb 15-16.

JETS / TEAMS regional competition for high school students will be Feb 21.

Our ET students will help host the annual Pi Day competition for 9th and 10th grade students on March 14 (as in 3.14).

Any questions email back. I do NOT have a current web page that discusses these activities. I ran out of time!

Dave Meredith <dxm15@psu.edu>
Penn State - Fayette in Uniontown, PA

ASEE Illinois-Indiana Section

Item #1

Hi Jerry,

Robert Herrick, ECET Department Head at Purdue University, visited universities in China, Ireland, and Peru looking for potential partnerships for faculty & student exchange and possible collaborative research. The department was awarded a \$180,000 grant for student exchange between USA and Europe over the next 4 years.

See you at CIEC.

Bob

=====
Robert J. Herrick
ECET Department Head
The Robert A. Hoffer Distinguished Professor of EET
<http://www.tech.purdue.edu/ecet/aboutus/index.cfm>
Purdue University
401 N. Grant St.
West Lafayette, IN 47907-2021
Email: rherrick@purdue.edu
Voice: 765-494-7484
Fax: 765-496-1354
=====

Item #2

Jerry,

Following is an exert from a press release regarding a new program option at IUPUI:

(INDIANAPOLIS, Ind., October 12, 2007) The Purdue School of Engineering and Technology at Indiana University-Purdue University Indianapolis (IUPUI) recently launched a new online Master of Science degree emphasizing Facilities Management. The program is delivered via the Internet to meet the needs of working professionals, preparing students to meet a growing demand for skilled employees in the Facilities Management field.

This Purdue graduate degree program will be offered 100% online and will allow an individual to complete all coursework in two calendar years plus one summer. The program will be open to anyone with a 4-year degree from an accredited institution who meets the admission requirements of the School of Engineering and Technology.

Ken

Professor Ken Rennels, P.E.
Purdue School of Engineering and Technology, IUPUI
799 West Michigan Street, ET 209
Indianapolis, IN 46202
317.274.0829 (voice)
317.278.0789 (fax)
krennels@iupui.edu

ASEE North Mid-West Section

No Information Provided

ASEE MidWest

No Information Provided

ASEE Gulf Southwest Section

No Information Provided

ASEE Southeastern Section

Item #1

Jerry,

Here is our activity info:

Old Dominion University, Electrical Engineering Technology in association with Blue Ridge Community (in VA) and Olympic College (in WA) will sponsor a workshop of "Introduction to the Newly Developed PIC Microcontroller Training System and Its Associated Curriculum" at 2008 ASEE Conference on 6/22/08, 2:00PM. A PIC training system worth more than \$125 and a 2G flash drive with all the course materials and software will be given to every attendee. By the way, the registration for this workshop is free and the seats are limited. Any question, please contact Steve: shsiung@odu.edu

Thanks!

Steve Hsiung, PhD
Old Dominion University
(757)683-4606

Item #2

Jerry- It might be a bit of news that I am retiring this year from Old Dominion University in Norfolk Virginia after 38 years at the institution, the last five as the chair of the Department of Engineering Technology.

Thanks.- Gary

Professor Gary R. Crossman
Chair, Department of Engineering Technology
Old Dominion University
Norfolk, Virginia 23529-0243
Ph: 757-683-3768 Fax: 757-683-5655

ASEE North Central Section

Item #1

Jerry -

It's not really a sectional report, but you may want to include this anyway.

The Educational Activities Board (EAB) of the IEEE has funded a project by the Electrical and Computer Engineering Technology Department Heads Association (ECETDHA), in conjunction with the Society of Manufacturing Engineers (SME) to develop an assessment test for electrical/electronics engineering technology program graduates. The plan calls for development and trial over the next 12 - 15 months of a prototype, comprehensive assessment test for both 2- and 4-year electrical/electronic engineering technology students. If successful, it is hoped that the test can become a nationally-normed product used by schools and programs across the country.

I expect to provide a status report to the ETD at ASEE, but you can certainly put something in the

newsletter if you like. I have attached the preliminary project plan to give you the full picture of what we have in mind. The project was officially kicked off last week; we have a project management team assembled, and we have a 'body of knowledge' development team of 8 - 11 people from various schools across the country. Our first face-to-face with the BoK team will be at CIEC next month. Could go on, but the attached file covers many more details.

Ron Land, Chair
Electrical & Computer Engineering Technology Dept. Heads Assoc.
Penn State University - College of Engineering
School of Engineering Design, Technology & Professional Programs
(724) 334-6730 (ph)
(724) 334-6111 (fax)

Item #2

Jerry,

News from the NCME that folks might be interested in:

Sinclair, Dayton, OH -

NSF Centers of Excellence Merge and Expand: The National Center for Manufacturing Education (NCME) will consolidate two NSF Online Materials and Information Resource Centers for Manufacturing and Engineering Technology Education. The Manufacturing Education Resource Education Center (MERC) and the National Engineering Technology Education Clearinghouse (NETEC) are now maintained by the NCME. Additionally, we are expanding to include STEM outreach resources like the award winning ManufacturingIsCool.com website originally created with support from the Society of Manufacturing Engineers - Education Foundation.

merconline.net
neteconline.org
www.ManufacturingIsCool.com

Steve Wendel

Director, National Center for Manufacturing Education
www.ncmeresource.org
Sinclair Community College
444 W. Third Street
Dayton, Ohio 45402
email: steven.wendel@sinclair.edu
phone: 937.512.2841

ASEE Pacific Southwest Section

No Information Provided

ASEE Pacific Northwest Section

Things have been quite tame around here. The most important event was that our president, Martha Anne Dow, died in September, which has sort of cast a pall over campus. Dave Woodall, the provost, is serving as interim president, and a national search will be underway shortly. ASEE-wise, Sean St.Clair, civil engineering, is OIT's new campus rep, which is appropriate, since I served in that position for 17 years! We will be having an ABET-EAC visit for our new mechanical engineering program, which co-exists with the technology program. Should be interesting. Section-wise, our spring meeting will be April 10-12 at Eastern Washington University. Part of the board meeting will be devoted to planning the 2009 zone meeting.

I think that's it....

Marilyn Dyrud

ASEE Rocky Mountain Section

No Information Provided