3 — IACE—CNSS News

THE DEADLINE TO SUBMIT MAPPING

11:59PM EST on January 15, 2013.

The CNSS Instructions are currently being revised. Once the new instructions are finalized, there will be an overlap period between the 4011-16 instructions and the new instructions. The NIETP will collaborate to develop the future path for curriculum prerequisites, especially as they apply to the NSA/DHS National Center of Academic Excellence programs.

FOR MORE INFORMATION

about the CAE program, send an inquiry to askCAEIAE (at) nsa.gov; for the CAE2Y program specifically, email askCAE2Y (at) nsa.gov; and for the CAE2Y mentoring program, contact Dr. Vera Zdravkovich at vzdravkovich (at) cyberwatchcenter.org.

UPCOMING EVENTS

The CAE Principals Meeting will be held November 11-13, 2012 in Atlanta, Georgia.

The NIST NICE Workshop will be held on the NIST Gaithersburg campus in Maryland from October 30 – November 1, 2012.

The 17th Colloquium will be held in Mobile Bay, Alabama June 10th - 12th, 2013. We will also have Workshops preceding the conference hosted by the University of South Alabama, June 8th & 9th. Our wonderful stay on the Bay will be in the Historic Renaissance Battle House Hotel & Spa with a room rate of $119.00 per night as well as a government rate of $94.00 a night with the proper ID.

For more information please contact:
Tamara Shoemaker, Operations Manager
ataskCISSE@cisse.info.

2010 CAE2Y INSTITUTIONS ::

Anne Arundel Community College - *Maryland*

Hagerstown Community College - *Maryland*

Moraine Valley Community College - *Illinois*

Oklahoma City Community College - *Oklahoma*

Prince George's Community College - *Maryland*

Rose State College - *Oklahoma*

2011 CAE2Y INSTITUTIONS ::

College of Southern Maryland - *Maryland*

Community College of Baltimore County - *Maryland*

Erie Community College - *New York*

Inver Hills Community College - *Minnesota*

Owens Community College - *Ohio*

Richland College - *Texas*

Whatcom Community College - *Washington*

2012 CAE2Y INSTITUTIONS ::

Bossier Parish Community College - *Louisiana*

Frances Tuttle Technology Center - *Oklahoma*

Harford Community College - *Maryland*

Ivy Tech Community College - *Indiana*

Jackson State Community College - *Tennessee*

Minneapolis Community and Technical College - *Minnesota*

Montgomery College - *Maryland*

Oklahoma Department of Career and Technology - *Oklahoma*

Sinclair Community College - *Ohio*

Snead State Community College - *Alabama*

Valencia College - *Florida*

CAE2Y .NEWS

NSF ATE Cybersecurity Centers	CyberWatch Maryland cyberwatchcenter.org	CyberWatch West California cyberwatchwest.org	CSSIA Illinois cssia.org	CSEC :: OK cseconline.org

NEW! Volume One October 2012

FIRST YEAR // CAE2Y

1 :: CAE2Y Mentoring by Moraine Valley Community College

Moraine Valley Community College was designated by the National Security Agency and Department of Homeland Security as one of the country's first five Centers of Academic Excellence for two-year Cyber Security and Information Assurance Education (CAE2Y) institutions...

2 :: CAE2Y Designation Impact at Prince George's Community College

Attempting to describe the importance and impact that the assignment of the designation of Center of Academic Excellence in Information Assurance for a two year college (CAE2Y) to Prince George's Community College (PGCC) is about...

3 :: IACE—CNSS News

The deadline to submit mapping & upcoming Events

+ CISSE Information.

1 ▽ CAE2Y Mentoring by Moraine Valley Community College
By | John Sands

Moraine Valley Community College was designated by the National Security Agency and Department of Homeland Security as one of the country's first five Centers of Academic Excellence for two-year Cyber Security and Information Assurance Education (CAE2Y) institutions. The CAE2Y designation presented the staff with new leverage for mentoring and establishing a cyber security education network within the community college structure. The focal point of the CAE2Y multi-element evaluation process enables schools to work together by building curriculum that represents a common body of knowledge. With the establishment of curricular requirements, community college staff and faculty have developed a more focused approach to offering cyber security programs. This has resulted in greater development and sharing of curriculum elements.

A good example of joint efforts in developing CAE2Y focused curriculum is the new National Information Security, Geospatial Technology Consortium (NISGTC) led by Collin County College. This consortium was established as part of a Department of Labor Trade Adjustment Act grant award. The staff at Moraine Valley Community College has been asked to lead the efforts to package CAE2Y focused curriculum content. Moraine Valley faculty will also provide faculty and staff development in order to effectively establish standardized programs with knowledgeable and well trained faculty. This Consortium consists of Collin College (lead), Bellevue College, Bunker Hill Community College, Del Mar College, Moraine Valley Community College, Rio Salado College and Salt Lake Community College. The staff and faculty at Moraine valley Community College will also work with each of these institutions in the pursuit of the full CAE2Y designation for each of the consortium partners.

The goal of our staff and faculty in pursuing the CAE2Y designation was initially to gain the recognition of local organizations and business community. However, this process has had greater impact than initially intended.

1 ▽ As leaders from our business community learned of our mapping to the common body of knowledge in cyber security, they looked to us as the source for professional training and a formal educational program. As a result, we have increased technical education programs targeting our business communities' cyber security needs. In fall of 2012, we have developed and offered two new stackable technical certificates that specifically address local business needs. We have also experienced an increase in the interest of our graduates of these programs.

The CAE2Y program required greater collaboration with 4-year institutions that offer cyber security and information assurance programs. The results of this requirement are evident and impactful.

Our program will soon establish a more formalized and structured articulation agreement between high schools, community colleges and universities in our community.

1 ▽ Three new partnerships should be finalized by fall of 2012. This partnership will include sharing curricular resources, faculty expertise and expanded opportunities to involve students in skills-based competitions.

The CAE2Y program requirements have also enabled our faculty in the Cyber Security program to have greater impact on the college population as a whole. With administrative support, we have been able to implement best practices across the campus. As a result of the CAE2Y requirements, our institution has raised the priority of securing its critical information system. Moraine Valley Community College now serves as an example to other organizations in our community by continuously reviewing and establishing internal cyber security policies.

The CAE2Y criteria have also provided incentives for investment in staff and faculty development to meet the credential requirements of CAE2Y designated institutions.

1 ▽ As one of the first five CAE2Y's in the country, Moraine Valley was asked to serve as a mentor to other organizations interested in pursuing the designation. The staff was pleasantly surprised with the level of enthusiasm and dedication other colleges bestowed. These organizations were interested in having similar impact on their programs as Moraine Valley Community College has experienced. As part of the mentoring process, our staff has learned to work with staff and faculty from other institutions in effectively evaluating their current cyber security posture.

1 ▽ The process includes a top to bottom assessment of their programs including meeting with representatives from administration, the technical staff and college faculty. The process included a review of faculty credentials, a curriculum review, gap analysis and methods to better share resources to address any disparity.

In less than two years of working with the faculty at Florida State College in Jacksonville, our staff has successfully helped this institution map curriculum, coordinate faculty development events, and meet with college administrators to d iscuss internal requirements that should be established to meet CAE2Y requirements. The staff at Florida State College in Jacksonville plan to submit a CAE2Y application this year.

The experience was similar at Sinclair Community College in Dayton Ohio and Ivy Tech in Indianapolis, Indiana. Again, the MVCC staff worked with their faculty to map their curriculum, plan faculty and staff development and help them gain industry recognized credentials. Our staff also helped them communicate to the college's administration the need to institutionalize a commitment to internal processes and policies that reflect CAE2Y designation requirements. Both institutions were CAE2Y designates this last cycle.

2 ▽ CAE2Y Designation Impact at Prince George's Community College
By | Michael Burt

[**For more information please contact:**
Michael Burt, mburt@pgcc.edu]

Attempting to describe the importance and impact that the assignment of the designation of Center of Academic Excellence in Information Assurance for a two year college (CAE2Y) to Prince George's Community College (PGCC) is about as difficult as preparing to be able to submit the proposal to became a CAE2Y. When you consider that only six community colleges out of over 1200 community colleges in the country have been able to achieve this accomplishment it makes us both humble and extremely proud.

E arning this recognition has been the catalyst that opened the eyes of our administration to the importance of our Information Security (Cyber Security) degree and certificate programs and prompted them to provide additional resources to support our Cyber Security programs. In a climate of downsizing the faculty staff our administration has allowed our department to add another fulltime Cyber Security faculty and support hiring additional Cyber security faculty in the near future. PGCC has established a new Technology Center to support and coordinate across campus emerging technology disciplines focusing first on Cyber Security. This new center is currently supporting the PGCC CyberWatch team in preparing to write and submit a proposal to transition CyberWatch to a NFS ATE National Center.

The PGCC Vice President of Academic Affairs has been instrumental in the pursuit of funding for a Cyber Security Lab that students could utilize not only for their academic studies but also for training for student competitions.

2 ▽ Finally our administration has been very aggressive of taking advantage of this recognition in the school's marketing efforts to attract future Cyber Security students.

Earning this recognition has contributed to more than doubling our enrollment in our Cyber Security core classes each of the last few years. In addition to the positive impact on our school's administration earning the CAE2Y has created opportunities for our IET Department to foster stronger relations with other departments on campus creating opportunities for intradepartmental collaborations incorporating information security into their departments' curriculum.

Finally, the impact of earning this achievement has flowed over into our community as well. It has had a very positive impact in our discussions with local industries when discussing student internships, research collaborating opportunities, and corporate sponsoring.

It has stimulated discussions with public K-12 schools on how to incorporate Cyber Security curriculum into their programs.