



October, 2009

Dear:

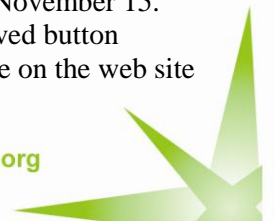
We would like to invite you or your representatives to the second workshop on Iowa State University's creation of a Bachelors of Engineering Technology (BET) degree in Computer and Information Technology. This workshop is for our community college constituents and will be held December 5, 2009, at 9 a.m. in the Internet-Scale Event and Attack Generation Environment (ISEAGE) research facility in Ames.

As you know, Iowa State University currently offers B.S. degrees in Computer Science, Computer Engineering and Software Engineering. Students in these degree programs typically enter our programs straight out of high schools as college freshman and upon graduation they join the work force as design and research engineers. However, there is an unfulfilled need by employers for students who have the technical and managerial skills necessary to enter careers in design, application, installation, operation and/or maintenance of computer or network systems. In addition to this underproduction, the programs ISU currently offers does not offer a smooth transition for students who have earned credits or a degree at a community college and want to continue their education. Often, community college transfer students from technical programs need to complete over three years of courses at ISU to obtain one of the classical computing degrees.

Last year ISU began the process of creating a new B.E.T. degree in Computer and Information Technology which is designed to fill the gaps in the employer needs and incoming students' needs. This degree will provide and educational path for students who currently are not served by ISU. We are working to seek ABET accreditation for the degree program and as part of that accreditation process must gather additional input from our primary constituents (potential employers, community colleges and potential students).

The workshop on December 5 continues the dialog started last year with you, our community college constituents, about this program. We plan to share with you statistics we have gathered from our employer base, as well as a draft curriculum for the degree. As was the case last year, this workshop will coincide with the Community College Cyber Defense Competition (CCCDC) on December 4-5, 2009 at our ISEAGE facility. If your community college is interested in participating in this event, registration will remain open until November 15. Information about the CCCDC may be found on our IT-Adventures web site under the Get Involved button (www.it-adventures.org/getinvolved.html). Additionally, registration for the CCCDC may be made on the web site (www.it-adventures.org/cc/php/reg_cc_start.php).

2215 Coover Hall, Ames, IA 50011, Phone: 515-294-8307, www.it-adventures.org



Community colleges and the instructors who are currently planning to attend the CCCDC include:

Des Moines Area Community College	TBD
Indian Hills	Mark Miller
Iowa Central Community College	Marc Matthes
Iowa Lakes Community College	Greg Reimer
Iowa Western Community College	John Magill
Kirkwood	Jim Thompson
North Iowa Area Community College	Tracy Purchase
Southeastern Community College	Melodie Mccandless
Southwestern Community College	Loyal Winborn

One final thought. Your community college might want to considering mentoring or recruiting a high school team near you for the IT-Adventures program this year. We think teaching high school students what they learned in the competition would a great way for your students to hone their own information technology skills. We have had some great success stories from community colleges that provide mentorship for IT-Clubs in high schools. For more information on the IT-Adventures program, please check out our web site www.it-adventures.org. Registration for the high schools is also available there.

If you have any questions, you may email me directly at dougj@iastate.edu or the program at info@it-adventures.org.

Sincerely,



Doug Jacobson
University Professor, Department of Electrical and Computer Engineering
Director ISU Information Assurance Center & IT-Adventures