Illinois Institute of Technology
National Center of Academic Excellence in Information Assurance/Cyber Defense Education

These criteria are applicable to regionally accredited four-year colleges, graduate-level universities, and DoD schools.

CAE IA/CD Program requirements

8. Faculty active in current IA/CD/Cybersecurity practice and research. The institution must clearly demonstrate that the faculty is active in current IA/Cyber practice and research, contributes to IA literature, and are members of IA professional societies are subject matter experts or attend/present at professional IA conferences.

   Overall Point Value: 15 points minimum/37 points maximum

   a. Peer reviewed publications – papers (electronic or traditional) on IA/CD/Cybersecurity as evidenced in refereed journals or conference proceedings within the past 3 years. Provide links to actual papers not subscription service.

      Point Value: 2 points per paper/8 points maximum

      The listing of faculty research with links to papers is at http://appliedtech.iit.edu/sites/sat/files/elements/ITM/pdfs/Recent_IIT_Faculty_Research_in_Cyber_Security_and_Digital_Forensics.pdf

   b. Published books or chapters of books on IA/CD/Cybersecurity. Books/chapters must focus on IA and have been published within the last 5 years. Provide title, authors and date published. ID specific chapters if authoring a chapter of a book.

      Point Value: 5 points per book/1 point per chapter/10 points maximum

      “Chapter 11. CERT Resilience Management Model: An Overview”

      Author: Bonnie A. Goins Pilewski, Department of Information Technology and Management, Illinois Institute of Technology

      Christopher Pilewski, Aurora, Illinois


      Harold F. Tipton and Micki Krause Nozaki, Editors

      Auerbach Publications ©2012

      Pages 135–152


      DOI: 10.1201/b11802-17


   c. Faculty is involved in writing grants and obtaining funding for IA education and/or research development or lab equipment. Provide synopsis of IA related grants, funding, equipment donations, or other funding to include date and approximate monetary value for the past 3 years.

      Point Value: 2 points per award/6 points maximum

      There are no active grants in the Department of Information Technology and Management.
d. Faculty members are subject matter experts (IA/CD/Cybersecurity) for accrediting bodies and professional societies for IA/CD/Cybersecurity, (e.g., ACM, IEEE, regional accreditation, professional accreditation, etc.). Faculty members are active members in IA/CD/Cybersecurity organizations (e.g., ISSA, Cyberwatch, InfraGuard, etc.) 

**List involvement for the last 3 years. Point Value: 2 points per review/membership/6 points maximum**

Professors Trygstad, Goins, and Slater are members of the Information Systems Audit and Control Association (ISACA).

Professor Trygstad is an ABET Program Evaluator for Information Technology programs and is an ISACA Academic Advocate.

Professor Goins is a member of the International Information Systems Security Certification Consortium (ISC)².

Professor Slater is member of the EC Council and the Federal IT Security Institute (FITSI).

e. Faculty members are engaged in and/or initiate student IA programs.  
**Point Value: 1 points per program/3 points maximum**

We do not know what this means.

f. Faculty presents IA/CD/Cybersecurity content at major Regional/National/International conferences and events. Provide synopsis of involvement for the last 3 years. **Point Value: 1 point per conference/4 points maximum**

Faculty members have presented at ForenSecure, IIT’s regional conference and expo on cyber security and digital forensics for every year of the eleven years the conference has been held.

Presenters at ForenSecure ’14 included Professors Goins and Slater.  
([http://forensecure.sat.iit.edu/2014/content/session-abstracts](http://forensecure.sat.iit.edu/2014/content/session-abstracts))

Presenters at ForenSecure ’13 included Professors Trygstad, Goins, and Slater, ITM Instructor Shawn Davis, and IIT Professor of Law Richard Warner.  
([http://forensecure.sat.iit.edu/2013/content/session-abstracts](http://forensecure.sat.iit.edu/2013/content/session-abstracts))

ForenSecure ’12 featured a presentation by Professor Trygstad, who was also a member of a panel discussion on Public Policy and the Internet.  