The BKCASE™ Project

- The Body of Knowledge and Curriculum to Advance Systems Engineering (BKCASE) project was initiated in 2009, to produce two products: (1) Guide to the Systems Engineering Body of Knowledge (SEBoK) and (2) Graduate Reference Curriculum for Systems Engineering (GRCSE™)
- Led by a university partnership between Stevens Institute of Technology and Naval Postgraduate School, 70 authors from around the world collaborated to create SEBoK and GRCSE. Hundreds of international reviewers provided thousands of comments that have shaped and improved their content and structure
- Version 1.0 of SEBoK was released as a wiki on September 14, 2012; Version 1.0 of GRCSE is expected to be released by December 15, 2012

Guide to the Systems Engineering Body of Knowledge (SEBoK)

- The SEBoK provides a compendium of the key sources and references of systems engineering, organized and explained to assist a wide variety of users.
- The SEBoK is implemented as a wiki (www.sebokwiki.org) with more than 100 articles about various systems engineering topics. Those articles are grouped into 26 knowledge areas, which are further grouped into 7 parts.
  - Part 1: SEBoK Introduction
  - Part 2: Systems
  - Part 3: Systems Engineering and Management
  - Part 4: Applications of Systems Engineering
  - Part 5: Enabling Systems Engineering
  - Part 6: Related Disciplines
  - Part 7: Systems Engineering Implementation Examples
- The SEBoK is also available as a downloadable PDF document for off-line use.
- The SEBoK wiki provides many tools for navigation. Readers may provide their comments on any page, using the DISQUS feature.

Graduate Reference Curriculum for Systems Engineering (GRCSE™)

- GRCSE offers a reference curriculum for a systems-centric professional master’s degree in systems engineering. It defines about one-half of the material to be covered. The university is expected to use the balance to tailor that program to the needs of the national or industrial domain being served.
- GRCSE is written to assist new program developers, existing program owners and reviewers, prospective students, and prospective employers of SE master’s program graduates.

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