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. Version 1.0 of SEBoK was released as a wiki in September 2012; version 1.2 was released in August 2013. Version 1.0 of GRCSE was released in December 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 contains more than 100 articles about various systems engineering topics. Those articles are grouped into 26 knowledge areas, which are further grouped into 7 parts.
- The SEBoK is also available as a downloadable PDF document for off-line use.

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 domains being served.
- GRCSE is written to assist new program developers, existing program owners and reviewers, prospective students, and prospective employers of systems engineering master’s program graduates.

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