

The IEEE Computer Society hosted a series of workshops in the early 1980s that initiated work on establishing standards for software engineering (SE) products and processes. That effort motivated the establishment of a Software Engineering Body of Knowledge (SWEBOK), which came into focus ten years later. The mission statement of SWEBOK is “To establish the appropriate sets(s) of criteria and norms for professional practice of software engineering upon which industrial decisions, professional certification, and educational curricula can be based.” This work is currently embodied in the 2004 SWEBOK Guide that is comprised of twelve chapters and four appendices. The guide sets out a baseline for body of knowledge of SE. The IEEE Computer Society seeks to keep the Guide relevant by updating it based on comments it receives from educators and practitioners in SE.

Sections of this document will be used in the workshop, as foundational starting points for the work to be accomplished in the workshops. The goal is to build from the existing body of knowledge in this research area, towards achieving the project goals. Both IEEE documents are currently under-going major updating and an outcome of the workshop effort is in contributing to this update activity.

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