ACM and the IEEE Computer Society have jointly developed new curriculum guidelines for undergraduate degree programs to improve integration of computing with other disciplines. The report, Computer Science Curricula 2013 (CS2013), organizes computer science around 18 knowledge areas reflecting the application of computing tools in a wide array of disciplines.

The curriculum guidelines also incorporate new areas of computing knowledge, including information assurance and security, parallel and distributed computing, and platform-based applications. The report, available to academic leaders, accrediting bodies, and university faculties, provides curricular models to suit a broad range of higher education institutions worldwide.

“Computing is a critical 21st-century skill, and there is a real need to include more computing in higher education,” said Mehran Sahami, co-chair of the ACM/IEEE-CS 2013 Joint Task Force and Associate Chair for Education in Stanford’s Department of Computer Science. “The CS2013 curricular guidelines reflect developments in computing in the past decade, including the pervasive use of parallel computing and the need to better understand computer security. Topics commonly covered in introductory programming courses have been updated and reorganized in a new area called Software Development Fundamentals. We have also created a Systems Fundamentals area that helps highlight more broadly applicable systems-level concepts.”

The CS2013 report benefitted from broad computing community engagement and reflects the input of more than 100 contributors at global institutions of higher learning. For more information about the report, go to www.computer.org/portal/web/education.

**SWEBOK v3.0**

The IEEE Computer Society’s new version of the Guide to the Software Engineering Body of Knowledge (SWEBOK Guide), the authoritative international source for software engineering knowledge, is now available for purchase or download.

Newly imagined as a living, changing document, and thoroughly rewritten, SWEBOK 3.0 continues its 20-year legacy as the most authoritative and trusted definition of the software engineering profession.

“SWEBOK 3.0 is the culmination of thousands of hours of work from an international team of knowledge area editors. We are delighted to share it with the software engineering community worldwide,” said Dick Fairley, chair of the SWEBOK v3 Change Control Board. “Building upon SWEBOK [2.0], SWEBOK 3.0 represents the latest information on current software engineering processes and best practices.”

Available in both PDF and paperback editions, the SWEBOK Guide can be downloaded or purchased at www.swebok.org.

A team of editors working under the IEEE Computer Society Professional Activities Board directed the effort. More than 1,500 changes were submitted and adjudicated by the change control board.

The IEEE Computer Society’s two software development certifications—the Certified Software Development Associate (CSDA) for entry-level developers and the Certified Software Development Professional (CSDP) credential for mid-career professionals are both based on the SWEBOK Guide.

Most IEEE Computer Society training materials and curricula also use the SWEBOK Guide as a foundation. SWEBOK 3.0 will be submitted for recognition as ISO-IEC TR 19759-2014.

**CHANGES TO SOCIETY BYLAWS AVAILABLE ONLINE**

The IEEE Computer Society Board of Governors recently approved the first reading of an amendment to the Society’s bylaws.

Article III (Board of Governors), Section 5 (Quorum), was revised to remove a clause that tentative motions may be made at meetings without a quorum. The revisions also removed a clause that tentative actions taken without a quorum could be ratified later by email ballot.

The relevant sections with proposed changes are available for review at www.computer.org/portal/documents/7833117/088b9092-96bb-477d-a89d-f6806ac90a3e. Only relevant segments of the bylaws in question are reproduced.

Changes to existing Society bylaws that receive first- and second-reading approval by the Board of Governors are listed by title in Computer, with links to a website location hosting the actual documents. The documents remain accessible at this location until such time as the changes receive final approval.

Members can send comments to Anne Marie Kelly (amkelly@computer.org) by close of business 11 April 2014.