Curricular Projects & Reports of the ACM

Robert D. Campbell, Chair, Rock Valley College
Karl J. Klee, Alfred State College
Elizabeth K. Hawthorne, Union County College
USA

www.acmtyc.org

Two-Year College Education Committee
NOTE: “Associate Degrees” are completion points after the first two years of a four-year college program of study.

Guidelines for Associate-Degree Transfer Curriculum in Computer Engineering

- To be finalized 2006.
- Reviewers Draft currently posted for consideration.

Guidelines for Associate-Degree Transfer Curriculum in Software Engineering

- Finalized September 2005.
- Collaborative effort with the ACM and IEEE-CS Joint Task Force on Computing Curricula, Software Engineering (CCSE).
All Curricular Reports available online at www.acmtyc.org

Guidelines for Associate-Degree Programs in Information Systems

- Contains career and transfer curricula recommendations:
  - Program Considerations
  - Body of Knowledge

Guidelines for Associate-Degree Programs in Computer Science

- Contains curricula recommendations for three (3) teaching paradigms:
  1) Objects-First
  2) Imperative-First
  3) Breadth-First
Guidelines for Associate-Degree Programs to Support Computing in a Networked Environment

- Finalized March 2000.
- Contains content areas, goals and topics for three (3) curricula:
  1) User Support Services
  2) Networking Services
  3) Internet/Web Services

Future Plans

- Associate-degree curricular guidelines in Information Technology.
  - Update to the 2000 guidelines, Computing in a Networked Environment.
- Overview prospectus for all associate-degree curricular guidelines in computing.