

## 壹拾、文獻參考

1. Chyan-Goei Chung, Ta-Yu Tseng, Ming-ji Wu, and Hwi-Min Kuo, **The Strategy to enhance the effectiveness of software engineer training program in Taiwan**, International Conference on Engineering Education and Research, Olomouc and Bouzov Castle, Czech Republic, June 27-30, 2004.
2. 技專校院資訊相關系科課程教學與產業需求配合檢討之研究。
3. [Abelson85] Harold Abelson and Gerald Jay Sussman with Julie Sussman. *Structure and Interpretation of Computer Programs*. Cambridge, MA: MIT Press, 1985.
4. [ABET2000] Accreditation Board for Engineering and Technology. Accreditation policy and procedure manual. Baltimore, MD: ABET, Inc., November 2000.  
<http://www.abet.org/images/policies.pdf>.
5. [ACM65] ACM Curriculum Committee on Computer Science. An undergraduate program in computer science—preliminary recommendations. *Communications of the ACM*, 8(9):543-552, September 1965.
6. [ACM68] ACM Curriculum Committee on Computer Science. Curriculum '68: Recommendations for the undergraduate program in computer science. *Communications of the ACM*, 11(3):151-197, March 1968.
7. [ACM78] ACM Curriculum Committee on Computer Science. Curriculum '78: Recommendations for the undergraduate program in computer science. *Communications of the ACM*, 22(3):147-166, March 1979.
8. [ACM99] ACM Two-Year College Education Committee. Guidelines for associatedegree and certificate programs to support computing in a networked environment. New York: The Association for Computing Machinery, September 1999.
9. [ACM2001] Association for Computing Machinery. ACM code of ethics and professional conduct. New York: The Association for Computing Machinery, May 2001. <http://www.acm.org/constitution/code.html>.
10. [AP2000] Advanced Placement Program. Introduction of Java in 2003-2004. The College Board, December 20, 2000. <http://www.collegeboard.org/ap/computer-science>.

11. [BCS89a] British Computer Society and The Institution of Electrical Engineers. Undergraduate curricula for software engineers. London, June 1989.
12. [BCS89b] British Computer Society and The Institution of Electrical Engineers. Software in safety-related systems. London, October 1989.
13. [Beidler85] John Beidler, Richard Austing, and Lillian Cassel. Computing programs in small colleges. *Communications of the ACM*, 28(6):605-611, June 1985.
14. [Bennett86] W. Bennett. A position paper on guidelines for electrical and computer engineering education. *IEEE Transactions in Education*, E-29(3):175-177, August 1986.
15. [Bott91] Frank Bott, Allison Coleman, Jack Eaton, and Diane Rowland. Professional issues in software engineering. London: Pitman, 1991.
16. [Carnegie92] Carnegie Commission on Science, Technology, and Government. Enabling the future: Linking science and technology to societal goals. New York: Carnegie Commission, September 1992.
17. [COSINE67] COSINE Committee. Computer science in electrical engineering. Washington, DC: Commission on Engineering Education, September 1967.
18. [CSAB86] Computing Sciences Accreditation Board. Defining the computing sciences professions. October 1986. [http://www.csab.org/comp\\_sci\\_profession.html](http://www.csab.org/comp_sci_profession.html).
19. [CSAB2000] Computing Sciences Accreditation Board. Criteria for accrediting programs in computer science in the United States. Version 1.0, January 2000. [http://www.csab.org/criteria2k\\_v10.html](http://www.csab.org/criteria2k_v10.html).
20. [CSTB94] Computing Science and Telecommunications Board. Realizing the information future. Washington DC: National Academy Press, 1994.
21. [CSTB99] Computing Science and Telecommunications Board. Being fluent with information technology. Washington DC: National Academy Press, 1999.
22. [Curtis83] Kent K. Curtis. Computer manpower: Is there a crisis? Washington DC: National Science Foundation, 1983. <http://www.acm.org/sigcse/papers/curtis83/>.

23. [Davis97] Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, and Herbert E. Longnecker, Jr. IS'97 model curriculum and guidelines for undergraduate degree programs in information systems. Association of Information Technology Professionals, 1997. <http://webfoot.csom.umn.edu/faculty/gdavis/curcomre.pdf>.
24. [Denning89] Peter J. Denning, Douglas E. Comer, David Gries, Michael C. Mulder, Allen B. Tucker, A. Joe Turner, and Paul R. Young. Computing as a discipline. *Communications of the ACM*, 32(1):9-23, January 1989.
25. [Denning98] Peter J. Denning. Computing the profession. *Educom Review*, November 1998.
26. [Denning99] Peter J. Denning. Our seed corn is growing in the commons. *Information Impacts Magazine*, March 1999. [http://www.cisp.org/imp/march\\_99/denning/03\\_99denning.htm](http://www.cisp.org/imp/march_99/denning/03_99denning.htm).
27. [EAB83] Educational Activities Board. The 1983 model program in computer science and engineering. Technical Report 932, Computer Society of the IEEE, December 1983.
28. [EAB86] Educational Activities Board. Design education in computer science and engineering. Technical Report 971, Computer Society of the IEEE, October 1986.
27. [EC77] Education Committee of the IEEE Computer Society. A curriculum in computer science and engineering. Publication EHO119-8, Computer Society of the IEEE, January 1977.
28. [Gibbs86] Norman E. Gibbs and Allen B. Tucker. Model curriculum for a liberal arts degree in computer science. *Communications of the ACM*, 29(3):202-210, March 1986.
29. [Gorgone2000] John T. Gorgone, Paul Gray, David L. Feinstein, George M. Kasper, Jerry N. Luftman, Edward A. Stohr, Joseph S. Valacich, and Rolf T. Wigand. MSIS 2000: Model curriculum and guidelines for graduate degree programs in information systems. Association for Computing Machinery and Association for Information Systems, January 2000. <http://cis.bentley.edu/ISA/pages/documents/msis2000jan00.pdf>.
30. [IEEE2001] Institute for Electrical and Electronic Engineers. IEEE code of ethics.

Piscataway, NJ: IEEE, May 2001. [http://www.ieee.org/about/what\\_is/code.html](http://www.ieee.org/about/what_is/code.html).

31. [Kelemen99] Charles F. Kelemen (editor), Owen Astrachan, Doug Baldwin, Kim Bruce, Peter Henderson, Dale Skrien, Allen Tucker, and Charles Ban Loan. Computer Science Report to the CUPM Curriculum Foundations Workshop in Physics and Computer Science. Report from a workshop at Bowdoin College, October 28-31, 1999.
32. [Koffman84] Elliot P. Koffman, Philip L. Miller, and Caroline E. Wardle. Recommended curriculum for CS1: 1984 a report of the ACM curriculum task force for CS1. *Communications of the ACM*, 27(10):998-1001, October 1984.
33. [Koffman85] Elliot P. Koffman, David Stemple, and Caroline E. Wardle. Recommended curriculum for CS2, 1984: A report of the ACM curriculum task force for CS2. *Communications of the ACM*, 28(8):815-818, August 1985.
34. [Lee98] Edward A. Lee and David G. Messerschmitt. Engineering and education for the future. *IEEE Computer*, 77-85, January 1998.
35. [Lidtke99] Doris K. Lidtke, Gordon E. Stokes, Jimmie Haines, and Michael C. Mulder. ISCC '99: An information systems-centric curriculum '99, July 1999. <http://www.iscc.unomaha.edu>.
36. [Martin96] C. Dianne Martin, Chuck Huff, Donald Gotterbarn, Keith Miller. Implementing a tenth strand in the CS curriculum. *Communications of the ACM*, 39(12):75-84, December 1996.
37. [Mulder75] Michael C. Mulder. Model curricula for four-year computer science and engineering programs: Bridging the tar pit. *Computer*, 8(12):28-33, December 1975.
38. [Mulder84] Michael C. Mulder and John Dalphin. Computer science program requirements and accreditation—an interim report of the ACM/IEEE Computer Society joint task force. *Communications of the ACM*, 27(4):330-335, April 1984.
39. [Mulder98] Fred Mulder and Tom van Weert. Informatics in higher education: Views on informatics and noninformatics curricula. *Proceedings of the IFIP/WG3.2 Working Conference on Informatics (computer science) as a discipline and in other disciplines: What is in common?* London: Chapman and Hall, 1998.

40. [Myers98] J. Paul Myers, Jr. and Henry M. Walker. The state of academic hiring in computer science: An interim review. *SIGCSE Bulletin*, 30(4):32a-35a, December 1998.
41. [NACE2001] National Association of Colleges and Employers. Job outlook '01 (online version). <http://www.jobweb.com>
42. [Neumann95] Peter G. Neumann. Computer related risks. New York: ACM Press, 1995.
43. [NSF96] National Science Foundation Advisory Committee. Shaping the future: New expectations for undergraduate education in science, mathematics, engineering, and technology. Washington DC: National Science Foundation, 1996.
44. [NTIA99] National Telecommunications and Information Administration. Falling through the Net: Defining the digital divide. Washington, DC: Department of Commerce, November 1999.
45. [Nunamaker82] Jay F. Nunamaker, Jr., J. Daniel Couger, Gordon B. Davis. Information systems curriculum recommendations for the 80s: Undergraduate and graduate programs. *Communications of the ACM*, 25(11):781-805, November 1982.
46. [OTA88] Office of Technology Assessment. Educating scientists and engineers: Grade school to grad school. OTA-SET-377. Washington, DC: U.S. Government Printing Office, June 1988.
47. [Paulk95] Mark Paulk, Bill Curtis, Mary Beth Chrissis, and Charles Weber. The capability maturity model: Guidelines for improving the software process. Reading, MA: Addison-Wesley, 1995.
48. [QAA2000] Quality Assurance Agency for Higher Education. A report on benchmark levels for computing. Gloucester, England: Southgate House, 2000.
49. [Ralston80] Anthony Ralston and Mary Shaw. Curriculum '78—Is computer science really that unmathematical. *Communications of the ACM* (23)2:67-70, February 1980.
50. [Roberts95] Eric Roberts, John Lilly, and Bryan Rollins. Using undergraduates as teaching assistants in introductory programming courses: An update on the Stanford experience. *SIGCSE Bulletin* (27)1:48-52, March 1995.

51. [Roberts99] Eric Roberts. Conserving the seed corn: Reflections on the academic hiring crisis. SIGCSE Bulletin (31)4:4-9, December 1999.
52. [SAC67] President's Science Advisory Commission. Computers in higher education. Washington DC: The White House, February 1967.
53. [SEEPP98] IEEE-CS/ACM Joint Task Force on Software Engineering Ethics and Professional Practices (SEEPP). Software engineering code of ethics and professional practice (Version 5.2). <http://www.acm.org/serving/se/code.htm>.
54. [Shaw85] Mary Shaw. The Carnegie-Mellon curriculum for undergraduate computer science. New York: Springer-Verlag, 1985.
55. [Shaw91] Mary Shaw and James E Tomayko. Models for undergraduate courses in software engineering. Pittsburgh: Software Engineering Institute, Carnegie Mellon University, January 1991.
56. [Shaw92] Mary Shaw. We can teach software better. Computing Research News 4(4):2-12, September 1992.
57. [SIGCHI92] Special Interest Group on Computer-Human Interaction. ACM SIGCHI Curricula for Human-Computer Interaction. New York: Association for Computing Machinery, 1992.
58. [SWEBOK01] Software Engineering Coordinating Committee. Guide to the Software Engineering Body of Knowledge (SWEBOK). Stone Man Version 0.95. A Project of the IEEE Computer Society, May 2001. <http://www.swebok.org/stoneman/version095.html/>.
59. [Tucker91] Allen B. Tucker, Bruce H. Barnes, Robert M. Aiken, Keith Barker, Kim B. Bruce, J. Thomas Cain, Susan E. Conry, Gerald L. Engel, Richard G. Epstein, Doris K. Lidtke, Michael C. Mulder, Jean B. Rogers, Eugene H. Spafford, and A. Joe Turner. Computing Curricula '91. Association for Computing Machinery and the Computer Society of the Institute of Electrical and Electronics Engineers, 1991.
60. [Walker96] Henry M. Walker and G. Michael Schneider. A revised model curriculum for a liberal arts degree in computer science. Communications of the ACM, 39(12):85-95, December 1996.
61. [Zadeh68] Lofti A. Zadeh. Computer science as a discipline. Journal of Engineering

Education, 58(8):913-916, April 1968.