ANNUAL REPORT
ACM TWO-YEAR COLLEGE EDUCATION COMMITTEE
July 1, 1998 - June 30, 1999

Submitted By: Karl J. Klee

1. BASIC INFORMATION

1.1 Committee Members:

Karl Klee (Committee Chair) Jamestown Community College Term of Office: July 1, 1998 - June 30, 2000	Richard Austing University of Maryland, University College Term of Office: July 1, 1998 - June 30, 2000
Robert D. Campbell Rock Valley College Term of Office: July 1, 1999 - June 30, 2001	Joyce Currie Little Towson University Term of Office: Ended July 31, 1999
C. Fay Cover Pikes Peak Community College Term of Office: July 1, 1998 - June 30, 2000	

1.2 Committee Charter:

The Two-Year College Education Committee is a standing committee of the ACM Education Board. The Committee is concerned with all education issues that affect computing at two-year colleges and in two-year degree programs. The primary purpose of the Committee is to provide curriculum recommendations in all areas of computing for such degree programs. The Committee may also make recommendations on other educational matters affecting such programs.

The voting membership of the Committee shall be the Chair, plus the members-at-large. When possible, the membership shall represent the interest of computing at two-year colleges. The Committee members are nominated by the Committee Chair and appointed by the Chair of the ACM Education Board.

1.3 Committee Organization:

The Committee established a 14-person Task Force on March 1, 1998 for the purpose of fulfilling the charge of the SDF proposal to update the Computer Support Services Curriculum Guidelines. The Task Force will cease to exist on December 31, 1999.

1.4 Committee Meetings (FY-99)

August 12-16, 1998

The Committee and Task Force Chairs met in Washington, DC. Karl Klee, Richard Austing, Nancy Burns, Robert Campbell, C. Fay Cover, Norma Hall, Joyce Currie Little, and T.S. Pennington were in attendance. The group reviewed the draft curriculum guidelines and incorporated changes suggested by the Task Force since the June 1998 meetings.

September 25-27, 1998

The Committee and a Task Force representative met in Atlanta, GA. Karl Klee,

Richard Austing, Nancy Burns, Robert Campbell, C. Fay Cover, and Joyce Currie Little were in attendance. The group reformatted the draft curriculum guidelines and incorporated suggestions from the Task Force received since the August 1998 meeting.

October 30 - November 2, 1998: The Committee and two Task Force representatives met in Baltimore, MD. Richard Austing, Nancy Burns, Robert Campbell, C. Fay Cover, Norma Hall, and Joyce Currie Little were in attendance. The group again reformatted the draft curriculum guidelines and incorporated suggestions from the Task Force received since the September 1998 meeting. The draft guidelines were then prepared for sending to the group of external reviewers.

February 12-14, 1999

Committee met in Chicago, IL. Karl Klee, Robert Campbell, and C. Fay Cover were in attendance. The Committee reviewed suggestions from the Task Force and reviewers and made revisions to the draft curriculum guidelines as appropriate. The Committee finalized plans for the upcoming panel presentation and birds-of-a-feather session to be conducted at the SIGCSE '99 Symposium. The Committee also discussed preliminary plans for an NSF ATE funding request to help cover the costs of disseminating the curriculum guidelines.

March 24-28, 1999

Committee meetings in New Orleans, LA, in conjunction with the SIGCSE Symposium. Karl Klee, Richard Austing, Robert Campbell, C. Fay Cover, and Joyce Currie Little were in attendance. The Committee conducted a birds-of-a-feather session on Thursday night and a panel discussion on Friday afternoon. The Committee also met with key members of the Task Force to discuss revisions in the curriculum guidelines. The Committee also discussed plans for future activities and the composition of the Committee.

May 14-16, 1999

Committee meeting in Colorado Springs, CO. Karl Klee, Robert Campbell, and C. Fay Cover were in attendance. Richard Austing assisted via e-mail. The Committee completed the NSF ATE Special Projects grant proposal.

2. SUMMARY (FY '99)
2.1 SDF Grant Project
The Committee completed the FY'99 scheduled phases outlined in the SDF grant project to update the Computer Support Services associate-degree curriculum guidelines. The new guidelines will update and broaden the previous work, and are entitled Guidelines for Associate-Degree Programs to Support Computing in a Networked Environment. The guidelines are scheduled to be ready for ACM Education Board approval on or about September 1, 1999.
2.2 SIGCSE '99 Symposium
The Committee conducted a birds-of-a-feather session on Thursday evening, March 25, entitled Computing at Community Colleges and a panel discussion on Friday

afternoon, March 26, entitled ACM Guidelines for Associate and Certificate Level Programs in Computer Information Technology. Both events were well received by the two-year college Symposium attendees.

2.3 NSF ATE Proposal

The Committee submitted an NSF grant proposal under the Special Projects category of the Advanced Technology Education (ATE) program. The title of the project is A National Model for Curriculum Adaptation and Implementation. Since NSF ATE projects must be connected to a two-year college, we designated the lead institution to be Pikes Peak Community College.

The NSF proposal requests funding to develop, test, and validate a national model for the adaptation and implementation of an advanced technology curriculum using current technologies of satellite teleconferencing and streaming video. The teleconference is a starting point for a series of activities that will provide the necessary resources to two-year college faculty and administrators for the adaptation and implementation of an associate-degree curriculum in networking. The curriculum track is one of the components of the ACM Guidelines for Associate-Degree Programs to Support Computing in a Networked Environment. The Committee has received verbal assurances, but not an official word, that the NSF proposal has been funded at the requested amount of $45,633.

2.4 Articulation:

The Committee has begun the process of addressing the very important topic of articulation in the context of a variety of projects. We have completed the outline of a position paper on the subject of articulation. The area of articulation includes not only program-to-program articulation among high schools, two-year colleges, and four-year colleges, but now also includes transferability of distance education courses and vendor-specific certification coursework.

3. PLANS (FY '00)

3.1 SIGCSE '00 and SCCC Proposals

The Committee is planning to submit proposals to the SIGCSE'00 Committee for a panel discussion dealing with the new curriculum guidelines and a birds-of-a-feather session for two-year college faculty. The Committee is also planning to submit panel proposals to selected Small College Computing Conferences dealing with the new curriculum guidelines.

3.2 SDF Grant Project

The Committee will be finalizing the SDF grant project to update the Computer Support Services Associate Level curricula guidelines. The revised guidelines are now entitled Guidelines for Associate-Degree Programs to Support Computing in a Networked Environment.

3.3 National Networking Guideline Dissemination

Assuming that the NSF ATE grant proposal is indeed funded, the Committee is scheduled to: 1. Identify a variety of resources to support the adaptation and implementation of associate-degree programs in networking. 2. Identify and secure commitments from twenty institutions across the United States to adapt and implement the networking curriculum. 3. By means of a three-hour national satellite teleconference event, disseminate information and discuss strategies for adapting and implementing the networking curriculum to the widest possible audience. 4. Following the teleconference, connect participants with each other and with the breadth of resources previously identified. 5. Facilitate the adaptation and implementation of networking programs by providing ongoing assistance, expert mentoring and peer support.

3.5 Vendor-Specific Certifications
The Committee is planning to compile, evaluate, and make implementation suggestions for the vast number of vendor-specific certifications that are available today.

4. COMMENTS
With increases in the Committee's meeting expenses and no increase in the Committee's annual budget, the Committee will leave vacant the position previously held by Joyce Currie Little.

Addendum
THE ACM TWO-YEAR COLLEGE EDUCATION COMMITTEE

The Committee members during FY'99 were:

Karl Klee (Chair) Jamestown Community College 525 Falconer Street Jamestown, NY 14701-1920 (716) 665-5220 x368 (716) 665-7023 FAX kklee@mars.sunyjcc.edu	Richard Austing 15112 Middlegate Road Silver Spring, MD 20905-5719 (301) 384-5373 rausting@erols.com
Robert D. Campbell Rock Valley College Rockville, IL 61114-5699 (815) 654-4250 ADIT1RC@rvc.cc.il.us	Joyce Currie Little Towson University Baltimore, MD 21204-7097 (410) 830-3701 jclittle@saber.towson.edu
C. Fay Cover Pikes Peak Community College Colorado Springs, CO 80906-5498 (719) 540-7397 cover@ppcc.cccoes.edu	

The ACM Two-Year College Education Committee formed a Task Force for the purpose of formulating the curriculum guidelines. The Task Force members are:

Allen Alexander Delaware Tech & Comm. College Wilmington, DE	Fred Beisse Lane Community College Eugene, OR	Nancy Burns Chipola Junior College Graceville, FL
Ward Deutschman Briarcliffe College Bethpage, NY	Norma Hall Manor Junior College Jenkintown, PA	L. Wayne Horn Pensacola Junior College Pensacola, FL
Tom Linz Centura Health Organization Denver, CO	Tony Mann Sinclair Community College Dayton, OH	T.S. Pennington Longview Community College Lees Summit, MO
Judith Porter Cape Fear Community College Wilmington, NC	George Shaiffer Pikes Peak Community College Colorado Springs, CO	John Sullivan Raritan Valley Comm. College Somerville, NJ
Philip Vanderpoel Eastern Wyoming	John Walker Dona Ana Community College	

College Torrington, WY	Las Cruces, NM	