

**ANNUAL REPORT
of the
ACM TWO-YEAR COLLEGE EDUCATION COMMITTEE
for the period
July 1, 2003 - June 30, 2004**

Submitted By: Robert D. Campbell

1. BASIC INFORMATION

1.1 MEMBERSHIP:

Name	Committee Position	Term of Office	Title	Affiliation	Email Address
Robert D. Campbell	Chair	Through June 2005	Vice-President of IT	Rock Valley College	b.campbell@rvc.cc.il.us
C. Fay Cover	Member	Through June 2004	eLearning Prog. Mgr	Sun Microsystems	fay.cover@sun.com
Karl J. Klee	Member	Through June 2006	Professor	Alfred State College	kleekj@alfredstate.edu
Elizabeth K. Hawthorne	Member	Through June 2005	Associate Professor	Union County College	ehawthorne@acm.org

1.2 PURPOSE:

The Two-Year College (TYC) Education Committee is a standing committee (since October, 1991) 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.

1.3 SUBUNITS:

The Committee has no subcommittees or subunits. The Committee works collaboratively with a number of TYC colleagues with subject area expertise as well as other professionals to accomplish the breadth of its undertakings.

1.4 COMMITTEE MEETINGS:

Dates	Primary Topic
August 2003	TYC Information Systems (IS)
October 2003	TYC CyberSecurity
December 2003	TYC IS
March 2004	TYC IS
April 2004	TYC CyberSecurity

June 2004	TYC Software Engineering (SE)
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2. PROJECT SUMMARY

Project Title	Project Description	Starting Date	Current Status
TYC SE	Curriculum guidelines for TYCs in the area of software engineering	Spring 2004	Active: TYC Report framework drafted from recently concluded CCSE report
TYC Cybersecurity Curriculum	Curriculum guidelines for TYCs in the area of Cybersecurity	Fall 2002	Active: proposal pending AACC/NSF consideration
TYC CE	Curriculum guidelines for TYCs in the area of Computer Engineering	Fall 2004	Future: joint effort with IEEE-CS TYC committee
TYC IS	Curriculum guidelines for TYCs in the area of Information Systems	Fall 2002	Concluded: Report released and distributed to TYCs nationwide; dissemination ongoing
TYC Cybersecurity workshop	Dissemination efforts in conjunction with (and funded by) AACC	Fall 2002	Concluded: Final dissemination efforts with AACC concluded
TYC CS	Curriculum guidelines for TYCs in the area of Computer Science	Fall 2001	Concluded: Report released and distributed to TYCs nationwide

Note: While detailed budget information is not available, the Committee's fiscal year budget of \$10,000 was fully expended. It is important to note that the Committee engaged in some collaborative efforts with the AACC, which provided significant supplemental funding support.

3. PLANS

3.1 Projects that will be completed or terminated in the coming year:

- TYC IS has report is being printed and distributed nationally. Dissemination efforts will be ongoing in 2004-2005.
- TYC SE report is under development, as an accompaniment to CCSE report.

3.2 Milestones in active projects during the coming year:

- TYC IS report has been distributed nationwide; dissemination efforts at conferences will be conducted in Fall 2004 and Spring 2005.
- TYC SE report draft is expected to be out for review in Spring 2005
- TYC CE report framework is expected to be drafted in Spring 2005.

3.3 New projects or programs which are proposed or contemplated:

- The TYC CE report will be a joint effort with the IEEE-CS TYC Committee.
- The ACM TYC EC has been charged by the Ed Board with pursuing internationalization of the TYC work. Strategies for such efforts will be

formulated in Fall 2004.

- A TYC Cybersecurity curriculum proposal has been submitted to AACC/NSF for consideration. TYC Cybersecurity workshop dissemination efforts (funded by AACC) have concluded.
- The TYC Computing in a Networked Environment report is due for update and revision, possibly as a TYC Information Technology (IT) report.
- An overarching TYC curriculum report framework is under consideration.

4. COMMENTS

We appreciate the ongoing funding support from the ACM Ed Board and we are pleased that we have been able to supplement funding through collaborative ventures. The Committee's website can be found at www.acmtyc.org.