FACULTY SERVICE TO HOPE COLLEGE

[PLEASE <u>TYPEWRITE</u>
OR USE COMPUTER]   NAME_____Herbert L. Dershem_____

A.   TEACHING AND ADVISING:
1. Courses Taught and Enrollment

   (Attach report from Registrar's Office)

2. Supplementary Notes
None

B.   SCHOLARLY AND PROFESSIONAL ACTIVITY

1.   <u>Scholarly Work and/or General Professional Development</u> (including papers presented, publications, performances, recitals, exhibitions, and work in progress)

Reviewed 3 papers for SIGCSE Conference and 4 textbook manuscripts.
Presented a talk to students at Alma College
Submitted <u>Object Visualizer</u> software to Visualization Resource Center for Computer Science Education, a refereed repository
External visiting reviewer of Computer Science at three institutions
Councilor for Council on Undergraduate Research (CUR)
Presentations at SIGCSE Conference, Feb. in Atlanta: "Java Class Visualization for Teaching Object-Oriented Concepts" with James Vanderhyde and "Tools for Web-based Sorting Animation" with Peter Brummund.
Member, Conference Committee, Midwest Small College Computing Conference, Speakers chair, 1998, 1999.

2.   <u>Grant Proposals Submitted</u> (if funded, specify amount and date/period of the grant)

NSF-REU, "Computer Science Research Experience for Undergraduates," $146,700, funded

C. INTERNAL SERVICE
1.   <u>Involvement with Students Outside the Classroom, e.g., Directing a Play, Recitals, Coaching, or Sponsoring a Club</u> (List activity and number of

Faculty advisor, Alpha Kappa Pi (12 students)
Faculty advisor, ACM Student Chapter, Fall semester (25 students)
Supervised three summer undergraduate research projects and four academic year undergraduate research projects
Faculty leader for Technos Internation program to Japan, May, 1998
Coach, programming team, Rose-Hulman Small College Programming Contest

2. Administrative Service, Board and Committee and/or Departmental Assignments (List)

Chair, Computer Science Department
Member, Status Committee, Spring Semester
Department Assignments: Admissions liaison, newsletter editor, as-
sessment coordinator

D. OTHER (e.g., public service, consulting, curricular/course development, lectures, seminars, and presentations to high school students or church groups)

Member, Young Life Regional Committee
Co-taught classes on Judaism & Christianity and New Testament at
Christ Memorial Church
Pastoral Care Elder, Christ Memorial Church
Faculty representative on Admissions trip to Albany-Rochester, New
York areas

E. Which of your accomplishments or activities of the past year do you consider most noteworthy?

The presentation of two papers at the SIGCSE Conference. These pa-
pers were presentation of work done with students and the
students were co-presenters. Both the results and the stu-
dents presentation skills drew rave reviews.
Also noteworthy was the writing of a chapter of the _Computing Through_
Graphics textbook. Further progress would have been made
had I been able to carry out my sabbatical in the Fall.

F. CHAIRPERSON'S SUMMARY EVALUATION

UNSATISFACTORY   FAIR   GOOD   SUPERIOR   OUTSTANDING

(On this continuum, the chairperson should place the letters **TA** for Teaching and Advising, **SP** for Scholarly and Professional Activity, and **SE** for Service, at whatever point she/he considers appropriate.)

Herbert L. Dershem
Self-Evaluation
1998

I. Teaching

My teaching included the first offering of a new course, CSCI 295, Program Design and Methodology. It also included complete revisions of CSCI 225 and CSCI 286 to incorporate the use of the Java programming language. The summary below includes the categories of evaluation that I feel are most important.

		Preparation	Enthusiasm	Personal Interest	Overall	N
Spring 1998	CSCI 225	3.96	3.96	3.89	3.90	16
	CSCI 295	3.88	3.97	3.88	3.86	21
	CSCI 488	4.00	4.00	3.92	3.95	13
Fall 1998	CSCI 225	3.89	3.91	3.84	3.86	14
	CSCI 286	3.95	3.99	3.78	3.84	20
	Total	3.93	3.97	3.86	3.88	84

II. Scholarship

Scholarship in 1998 consisted of summer research with 3 students, the presentation of two refereed papers at the major national Computer Science conference, the receipt and administration of an NSF proposal, serving on the planning committee for a major regional conference, and beginning work on a textbook. This was a very productive year as far as scholarship is concerned.

III. Service

My service was devoted to the duties of department chair and Status Committee. This included more than 36 sessions and activities that I hosted for prospective students.

Review of Goals for 1998

1. Submit a revised proposal to the NSF-CCD program for curriculum project using clabroom.
This was done, but the proposal was written by Mike Jipping.

2. Successfully initiate new phase of REU summer research, integrating faculty from neighboring institutions.
This was successfully completed. This summer we included Professor Alyce Brady from Kalamazoo College in our program and two students from Kalamazoo as well.