January 1, 1990 thru December 31, 1990

Faculty Service to Hope College

Name <u>Herbert L. Dershem</u>

A. Scheduled Teaching - Courses

	Dept. & No.	Credit Hours	Course Description	Contact Hours	Other Contact	Enroll.
	CSCI 286	3	Data Structures	3	0	12
	CSCI 295	2	Methods of Teaching CS	1	0	1
Spring	CSCI390	3	Database Managment Systems	3	0	22
	CSCI 495	3	Artificial Intelligence	3	0	12
	CSCI 700	3	Computers in Education	1	0	3
May/June						
Summer						
	CSCI 320	3	Business Info Systems	3	0	16
Fall	CSCI 383	3	Programming Languages	3	0	20
	CSCI 491	3	Internship in CS	1	0	3

B. Academic Advising

Total number of advisees   37

Majors   20

Fresh./Soph.   12

C. Scholarly Activity

1. *Scholarly Work Supported by Outside Funding* (list both project description and source of funding)

   Member of NSF ILI Review Panel

   Reviewed manuscript for textbook on data abstraction

2. *Other Scholarly Work and/or General Professional Development*

   Reviewed 3 papers for National Educational Computer Conference

   Reviewed 4 papers for SIGCSE Technical Symposium

   Reviewed 2 papers for Great Lakes Computer Science Conference

   Session presider at National Educational Computer Conference

   Programming Languages textbook published

   Summer Faculty Research grant - studied Probabilistic Algorithms

E. Internal Service

1. *Student Oriented*

	Check (√) Activity	Total # of Students	# of Students Enrolled for Credit
Supervision of Independent study or research	√	6	6
Directing a Play			
Recitals			
Coaching			
Other (describe)			

2. *Administrative* (List)

Chair, Computer Science Department

3. *Board and Committee Assignments* (List)

Professional Interests Committee (Chair half year)
Handbook Revision Committee

4. *Departmental Assignments* (List)

Admissions liaison
Internship coordinator
Colloquium coordinator

E. Public Service/Consulting
None

F. Other
Trustee Scholarship interviewer
Science Day presenter
Van Zoeren/VanderWerf dedication committee member
Presenter at High Achievers Day sponsored by Admissions
Taught graduate course CS 502, Microcomputers for Teachers, for Western Michigan University
Zion Lutheran Church - Stephen Ministry Leader (half year)
Holland Young Life Committee: Treasurer
                                        Annual Fund-Raising Banquet co-chair
Member, Holland High School Parents' Athletic Club (half year)

Signature: _Herbert L. Dershem_

Date: January 19, 1991

1990
Self-Evaluation
Herbert L. Dershem

Teaching

My teaching continued to be strong. I was especially pleased with the student evaluations in CSCI 320 which is a class that I had not taught in eight years and which I do not particularly enjoy teaching. The 495 topics course on Artificial Intelligence was also a challenge to teach as this field changes considerably each time I teach it.

Summary of Fall 1988 Evaluations

	A	A-	B+	B	B-	C+	C	C-	D+	D	GPA
Preparation	56	11	2	0	1	0	0	0	0	0	3.91
Instruction	52	13	1	2	1	0	0	0	0	0	3.89
Stimulation of Interest	37	17	9	4	2	0	0	1	0	1	3.67
Concern for Students	58	8	3	1	0	0	0	0	0	0	3.92
Overall Evaluation	55	12	1	1	1	0	0	0	0	0	3.91

As I have done for the last two years, I led a three-week module in the Senior Project Seminar on Computer Ethics.

Scholarship

My major effort in scholarship involved my work on probabilistic algorithms as a part of summer research project. I also was active in reviewing articles for conferences.

Service

A major part of my time was devoted to this area in the past year, serving as chairperson of PIC in the Spring, leading the hearing of a grievance in the late spring, and serving on the Handbook Revision Committee during the summer and fall.

Advising

The student evaluations of my advising were good. I continued to receive favorable comments from parents regarding my advising.

Chairmanship

My major emphasis here was in the recruitment of Fran Vallely for the one-year replacement position and working with Fran and Shirley Browne as first-year faculty members.

Review of Goals for 1990

1. *Begin a research program in probabilistic algorithms*: I accomplished this through support from a summer research grant. I did not accomplish as much as I had hoped.

2. *Assimilate a new faculty member into the department*: This is only partially accomplished at this time.

Goals for 1991

1. Redesign the CSCI 220, Computer Science II course to integrate discrete mathematics and object-oriented programming into the topics of the course.

2. Prepare a prospectus for a textbook for the course designed in 1 above.

3. Obtain funding for support of student research in Computer Science.

Dean's Performance Evaluation
Herbert L. Dershem
January, 1991

Effectiveness as a Teacher

After reading student evaluations, I become convinced once again
that Herb is an exceptionally effective teacher. Students
consistently stress his ability to meet them at their own
individual level of understanding and his willingness to spend
the time with them to assure their intellectual growth. He
teaches what many consider to be difficult subject material, yet
his students clearly recognize his gifts as an educator, even
when the student reward for a semester (translate low grade) is
not necessarily exceptionally high.

Effectiveness as a Scholar

The fact that Herb is well-respected in his field is attested to
by the number of papers and grant proposals he is asked to review
as well as by his selection as a presider at the National
Educational Computer Conference. This past year he published a
textbook on Programming Languages and he also initiated some
research with funds from the Hope Faculty Development Program.
His research efforts were impaired to some degree by a large
time-commitment to the college as a member of the Faculty
Handbook Revision Team, by the need to recruit a term position
for the department and by the need to provide mentorship for two
new faculty in the department.

Effectiveness in Service

Herb is active on the Professional Interests Committee, and her
served as committee chair for the Spring, 1990 semester. He was
asked to be a member of the Faculty Handbook Revision Team and he
has spent an enormous amount of energy on that task. He is a
dedicated faculty advisor to his students, and he is an effective
chairperson. His leadership skills as chair have allowed him to
shape a department that, in my opinion, is on the verge of
becoming one of the best departments at the college. Herb spends
time working with his faculty (including attending some classes
as appropriate) to insure their development as effective
teacher/scholars. He is a positive influence on young faculty.
Lastly, it is evident to me that Herb is very active in the
community, as evidenced by the fact that Herb has been involved
in a multitude of community events

SUMMARY PERFORMANCE RATING

			Sc		Se,T
unsatisfactory	fair	good	excellent	exceptional	

James M. Gentile, Dean