JANUARY 1, 1995 through DECEMBER 31, 1995

FACULTY SERVICE TO HOPE COLLEGE

[PLEASE TYPEWRITE
OR USE COMPUTER]   NAME___*Herbert L. Dershem*_____

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

Spring 1995
CSCI 286 Data Structures (16)
*CSCI 295 SW Design & Impl. (22)
*CSCI 495 Artificial Intelligence (16)

Fall 1994
*CSCI 120 Intro to Comp Sci (23)
CSCI 386 Algorithms (20)
*CSCI 480 Sr Proj Sem-Ethics (14)
*CSCI 495 Object-Oriented Prog (11)

     2. Supplementary Notes
        25 Advisees (7 Freshmen)

B.   SCHOLARLY AND PROFESSIONAL ACTIVITY

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

     Summer Research with Manuel Calderon & Andrew VanPernis supported by NSF REU grant.
     Summer Research on Object-Oriented Ada under grant from Air Force.
     Reader of AP exam, Clemson University, June, 1995.
     Invited participant in NSF Workshop on Computer Ethics, Rensselaer Polytechnic Inst.
     Presentation with 2 student at Argonne Undergraduate Research Symposium
     Reviewer for one textbook. Referee of 8 papers for three conferences.
     Member of NSF-REU review panel, Washington, DC, December, 1995
     External reviewer, Loras College, September, 1995
     Prepared prospectus for Schaum's Interactive Outline on Discrete Mathematics.

     2.   Grant Proposals Submitted (if funded, specify amount
          and date/period of the grant)
          NSF REU project funded for three summers ($114,393).
          Proposal submitted to NSF-ILI program for $46,356, approval pending. (with Jipping & Stegink)
          Microsoft grant for software ($18,900).

C.   INTERNAL SERVICE

     1.   Involvement with Students Outside the Classroom, e.g.,
          Directing a Play, Recitals, Coaching, or Sponsoring a
          Club (List activity and number of students engaged
          with you in this activity)
          *Co-coach of the Hope College Programming Team which participated in the Mid-East
          Regional Contest at Lansing, Michigan. Two teams of three each, eight students involved in tryouts for the team.*

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

Department Chair
Department Admissions Liaison
Status Committee

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

*Councilor for the Council on Undergraduate Research, chair of consultant's committee
for Math/CS Division, and CUR Institutional Liaison.*
Tenure reviewer for Univ. of Pittsburgh at Johnstown.
Chairperson of Holland Area Young Life Committee
Stephen Ministry Leader, Christ Memorial Church

E. WHICH OF YOUR ACCOMPLISHMENTS OR ACTIVITIES OF THE PAST YEAR
    DO YOU CONSIDER MOST NOTEWORTHY?
    *The preparation of the prospectus was most noteworthy because that signifies a new di-
    rection in my sholarly activities for the next several years.*

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, **SE** for Service, at whatever point she/he considers
appropriate.)

Herbert L. Dershem
Self-Evaluation

I. Teaching

My teaching included quite a few new courses this year, including the inaugural offering of CSCI 225 (as 295) and two topics courses. I felt that my Fall semester teaching was not as strong as usual. This was mostly due to the heavy load of new courses that I was teaching. The summary below includes the categories of evaluation that I feel are most important.

	Preparation	Enthusiasm	Personal Interest	Overall
CSCI 286	3.78	3.88	3.56	3.78
CSCI 295	3.91	3.94	3.85	3.85
CSCI 495	3.93	3.72	3.86	3.75
CSCI 386	3.89	3.83	3.93	3.90
CSCI 120	3.74	3.77	3.92	3.67
CSCI 495	3.90	3.94	3.90	3.74
CSCI 480	3.91	3.90	3.85	3.75

II. Scholarship

In scholarship, my year was devoted to obtaining funding and reviewing the scholarly work of others. I did not reach my goal in publication, though I have three papers in preparation right now for publication in 1996. Two of these papers will be co-authored with students.

III. Service

My service was devoted to the duties of department chair and Status Committee. These I feel were done adequately.

Review of Goals for 1993

1. Publish a paper on the DARPA grant activities.
   This paper, though drafted, has not been submitted for publication yet. I intend to split it into two papers and submit both for publication next year.

2. Develop a plan for a new textbook writing project.
   The Schaum's Interactive project is this plan. In addition, I am considering the development of a textbook for an introductory computer science course using Stegink's graphics approach.

3. Successfully develop and implement CSCI 225, Software Design and Implementation.
   This course has now been successfully offered for two semesters and has become a key part of the department's curriculum.

Goals for 1995

1. Publish two papers based on DARPA activities and one paper based on Air Force grant activities.

2. Continue planning for Schaum's Interactive project.

3. Recruit new faculty member for department and facilitate her/his successful beginning at the college.

Dean's Summary Evaluation
Herb Dershem, Chair
Computer Science Department

Herb continues to be one of the key faculty members within the Natural Science Division. His leadership within the Computer Science Department has been the main reason that the department has sustained success over the years. Herb is a master educator and he managed this past year once again to demonstrate to students and faculty alike that computer science as a discipline has soul and personality. Herb had an active year in scholarship, has been active in recruiting new faculty members, and is recognized at the national level for his work with students in undergraduate research. I want to affirm all that Herb does in every way possible and I encourage the Status Committee to do the same.

			SC	L SE T
Unsatisfactory	Fair	Good	Superior	Outstanding

L = Leadership
SC = Scholarship
SE = Service
T = Teaching

James M. Gentile, Dean