JANUARY 1, 2004 through DECEMBER 31, 2004

FACULTY SERVICE TO HOPE COLLEGE

[PLEASE TYPE
OR USE COMPUTER]   NAME: Herbert L. Dershem

A.   TEACHING AND ADVISING:

Courses Taught and Enrollment (Please attach report from Registrar's Office)

Number of Advisees (Please indicate how many are majors in your department)
22 advisees, 5 are majors in the computer science department

B.   INTERNAL RECOGNITION

PLEASE LIST SPECIFICS FOR EACH RELEVANT CATEGORY. THIS WILL SIMPLIFY OTHER REQUESTS FOR DATA (E.G. THE ANNUAL DEPARTMENT REPORT).

1. Administrative Service, Board and Committee and/or Departmental Assignments
   - *Department Assignments: Admissions liaison, newsletter editor.*
   - *Member, Greek Judicial Board, Spring semester.*
   - *Member, Campus Life Board, Fall semester*
   - *Chair, Student Communication Media Committee, Fall semester*
2. Course/curriculum development and implementation
   - *Developed E-textbook approach to the programming languages course*
3. Increasing the College's multicultural diversity
   - *Obtained funding for CSEMS Scholarship program from NSF with a component to encourage underrepresented groups to come to Hope to study in CSEMS disciplines.*
4. The integration of learning with faith and faith with learning

5. Providing evident leadership within and beyond the department
   - *Preparation for service as Interim Dean of the Sciences.*
6. Involvement with interdisciplinary programs/initiatives
   - *Computer science liaison for undergraduate research team of computer science, biology, and mathematics students.*
7. The appropriate incorporation of technology into teaching and learning
   - *Used Moodle in CSCI 481 course.*
   - *Used e-textbook in CSCI 361-3 course.*
8. Active discussion of the effectiveness of current pedagogy and incorporation of new pedagogies appropriate to the discipline

9. Other

C. External Recognition

PLEASE LIST SPECIFICS FOR EACH RELEVANT CATEGORY. THIS WILL SIMPLIFY OTHER REQUESTS FOR DATA (E.G. THE ANNUAL DEPARTMENT REPORT).

1. Papers presented

2. Publications

3. Performances, recitals, exhibitions

4. Awards

5. Consulting
   - *Served as a member of ABET Review team for accreditation visit.*
6. Organization of conferences

7. Editing

8. Leadership of regional and national professional organizations
   - *CUR Counselor for the Mathematics/Computer Science Division*
9. Grants applied for/received
   - *Received NSF-REU grant for five years, $352,250*
   - *Applied for and received NSF-CSEMS grant for four years, $398,040.*
10. Other
    - *Reviewed 3 panels and 2 special sessions for SIGCSE 2005 conference*
    - *Reviewed 2 papers for CCSC Midwest conference*
    - *Reviewed 4 abstracts for NECC Conference*
    - *Reviewed 12 proposals for CUR Posters on the Hill*
    - *Reviewed 7 proposals for CUR Summer Research Awards*
    - *Referee for one National Science Foundation proposals*
    - *Member of NSF review panel for REU program*
    - *Reviewer for Beloit faculty candidate for promotion to Full Professor*
    - *Reviewer for St. Olaf faculty candidate for promotion to Full Professor*

D. Promotion of Student Learning Beyond the Classroom

PLEASE LIST SPECIFICS FOR EACH RELEVANT CATEGORY. THIS WILL SIMPLIFY OTHER REQUESTS FOR DATA (E.G. THE ANNUAL DEPARTMENT REPORT).

PLEASE INDICATE THE NUMBER OF STUDENTS INVOLVED IN EACH ACTIVITY; IN THE CASE OF COLLABORATIVE RESEARCH, PLEASE ALSO INDICATE EACH STUDENT'S YEAR IN SCHOOL.

1. Collaborative student-faculty research
   - *Computer science liaison for summer research student, Bess Walker.*
   - *Directed Summer Research program with 15 students and 5 faculty.*
2. Independent studies
   - *Directed three independent study students*
3. Internships

4. Service learning

5. Directing a play, preparing students for recitals or exhibitions

6. Coaching

7. Sponsoring a club
   - *Advisor to XOR computer science student honorary (12 members), Spring semester*
   - *Avisor to Alpha Kappa Pi (Promethean Fraternity) (12 members)*
8. Other

E. Other

PLEASE LIST SPECIFICS FOR EACH RELEVANT CATEGORY. THIS WILL SIMPLIFY OTHER REQUESTS FOR DATA (E.G. THE ANNUAL DEPARTMENT REPORT).

1. Public service
   - *Member of Holland Chamber of Commerce Technology Roundtable*
   - *Member of Board of Elders, Christ Memorial Church*
   - *Member of the Congregational Support and Supervision Committee, Holland Classis of the Reformed Church*
2. Lectures/seminars/presentations to high-school students and/or church/civic groups

3. Other

F. Which of your accomplishments of activities of the past year do you consider most noteworthy? Why?

I was instrumental in obtaining over $750,000 in NSF funding over the past year. This is noteworthy because most of that money will support Hope college students in research and study.

G. Please list your professional goals for the coming year.
1. *Successfully serve my six month term as interim dean for the sciences.*
2. *Design an appropriate FYS course for the CSEMS scholarship students.*
3. *Successfully implement the CSEMS scholarship program.*
4. *Submit a grant proposal to fund scholarships for students in K-12 science education.*

H. Please list the professional goals which you established for the year covered by this Faculty Service form and evaluate your success in reaching them.
1. Renew work on Programming Languages textbook by putting into a form that takes advantage of the e-textbook.
  This was done and the text was in a form suitable for use in the offering of our course.
2. Use prototype of the e-textbook version of Programming Languages text to teach CSCI 361-363 during Fall 2004.
  This was successfully accomplished. I was happy with the results and look forward to further work on this project.
3. Successfully conduct summer research program and prepare results of work for dissemination.
  I did not accomplish this goal. I removed my project from the summer research program to allow other faculty to carry out their projects.
4. Submit grant proposal for NSF CSEMS program and implement the program, if funded.
  This was successful.

I. CHAIRPERSON'S SUMMARY EVALUATION

Faculty Detail Schedule

Discrete Structures - 10584 - CSCI 250 - 01A

Status:	Active
Available for Registration:	Oct 31, 2003 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	2
Course Credits:	2.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	11	13
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	11:00 am - 12:20 pm	MW	Van Zoeren Hall B24	Jan 06, 2004 - Feb 25, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	11:00 am - 11:50 am	F	Van Zoeren Hall B24	Jan 06, 2004 - Feb 25, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Adv Data Structures&Algorithms - 10586 - CSCI 385 - 01

Status:	Active
Available for Registration:	Oct 31, 2003 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	1
Course Credits:	4.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	7	17
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	1:30 pm - 2:50 pm	TR	Van Zoeren Hall B24	Jan 06, 2004 - Apr 30, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	2:00 pm - 2:50 pm	F	Van Zoeren Hall B24	Jan 06, 2004 - Apr 30, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Database System Design & Imple - 10827 - CSCI 392 - 01A

Status:	Active
Available for Registration:	Oct 31, 2003 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	2
Course Credits:	2.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	20	4
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	9:30 am - 10:50 am	TR	Van Zoeren Hall B24	Jan 06, 2004 - Feb 25, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	9:30 am - 10:20 am	F	Van Zoeren Hall B24	Jan 06, 2004 - Feb 25, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Database Architecture - 10828 - CSCI 394 - 01B

Status:	Active
Available for Registration:	Oct 31, 2003 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	3
Course Credits:	2.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	19	5
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	9:30 am - 10:50 am	TR	Van Zoeren Hall B24	Feb 26, 2004 - Apr 30, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	9:30 am - 10:20 am	F	Van Zoeren Hall B24	Feb 26, 2004 - Apr 30, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Independent Study & Research - 10588 - CSCI 490 - 01

Status:	Active
Available for Registration:	Oct 31, 2003 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	1
Course Credits:	1.000
Course Levels:	Undergraduate
Campus:	Main Campus

Override: No
Syllabus: Add
Rosters: Classlist   Waitlist
Office Hours: Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	5	2	3
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	TBA		TBA	Jan 06, 2004 - Apr 30, 2004	Independent Study	Herbert L. Dershem (P)dershem@hope.edu

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Faculty Detail Schedule

Software Design&Implementation - 80330 - CSCI 225 - 01

Status:	Active
Available for Registration:	Mar 30, 2004 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	1
Course Credits:	4.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	Yes
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	8	16
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	11:00 am - 12:20 pm	MW	Van Zoeren Hall B24	Aug 31, 2004 - Dec 17, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	11:00 am - 11:50 am	F	Van Zoeren Hall B24	Aug 31, 2004 - Dec 17, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Programming Languages - 81204 - CSCI 361 - 01A

Status:	Active
Available for Registration:	Mar 30, 2004 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	2
Course Credits:	2.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	13	11
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	12:30 pm - 1:50 pm	MW	Van Zoeren Hall B24	Aug 31, 2004 - Oct 20, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	1:00 pm - 1:50 pm	F	Van Zoeren Hall B24	Aug 31, 2004 - Oct 20, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Programming Lang Paradigms - 81205 - CSCI 363 - 01B

Status:	Active
Available for Registration:	Mar 30, 2004 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	3
Course Credits:	2.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	12	12
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	12:30 pm - 1:50 pm	MW	Van Zoeren Hall B24	Oct 21, 2004 - Dec 17, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu
Class	1:00 pm - 1:50 pm	F	Van Zoeren Hall B24	Oct 21, 2004 - Dec 17, 2004	Lecture	Herbert L. Dershem (P)dershem@hope.edu

Senior Project Seminar - 80332 - CSCI 481 - 01

Status:	Active
Available for Registration:	Mar 30, 2004 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	1
Course Credits:	2.000
Course Levels:	Undergraduate
Campus:	Main Campus
Override:	No
Syllabus:	Add
Rosters:	Classlist Waitlist
Office Hours:	Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	24	11	13
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	11:00 am - 11:50 am	TR	Van Zoeren Hall 274	Aug 31, 2004 - Dec 17, 2004	Project or Paper	Herbert L. Dershem (P)dershem@hope.edu
Class	8:00 am - 8:50 am	F	Van Zoeren Hall 274	Aug 31, 2004 - Dec 17, 2004	Project or Paper	Herbert L. Dershem (P)dershem@hope.edu

Independent Study & Research - 80333 - CSCI 490 - 01

Status:	Active
Available for Registration:	Mar 30, 2004 - Dec 31, 9999
College:	Hope College
Department:	Computer Science
Part of Term:	1
Course Credits:	1.000
Course Levels:	Undergraduate
Campus:	Main Campus

Override: No
Syllabus: Add
Rosters: Classlist   Waitlist
Office Hours: Add

Enrollment Counts

	Maximum	Actual	Remaining
Enrollment:	10	1	9
Cross List:	0	0	0

Scheduled Meeting Times

Type	Time	Days	Where	Date Range	Schedule Type	Instructors
Class	TBA		TBA	Aug 31, 2004 - Dec 17, 2004	Independent Study	Herbert L. Dershem (P)dershem@hope.edu

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