

TOMMY THOMPSON, Ph.D.

EDUCATION

Ph.D. Major in Mathematics Education (Secondary and Higher), Minor in Mathematics, The University of Texas, Austin, Texas, December 1982.

M.A. Major in Mathematics, The University of Texas at Austin, Austin, Texas, May, 1973.
Thesis Title: **Integer Programming.**

B.S. Major in Mathematics, Southeastern University, Hammond, Louisiana, May, 1969.
Diploma Southeastern High School, Hammond, Louisiana, May 1965.

EXPERIENCE

Professor of Mathematics, Cedar Valley College, The Dallas County Community College District, Lancaster, Texas, 1991—Present.

Instructor of Mathematics, Seminole Community College, 100 Weldon Boulevard, Sanford, Florida 1990-1991.

Professor of Mathematics, Developmental Mathematics, and Computer Science; Chair, District Mathematics Curriculum Committee; Chair, District Mathematics Common Learning Project Team; Chair, Program Evaluation Committee; The Dallas County Community College District, Brookhaven College, Farmers Branch, Texas, 1978—1990.

Laboratory Coordinator and Instructor of Mathematics, Cedar Valley College, The Dallas County Community College District, Lancaster, Texas, 1977—1978,

Graduate Internship in the Secondary School, Austin High School, Austin, Texas, Fall 1976.
Teaching Assistant, The University of Texas at Austin, Department of Mathematics, Austin, Texas, 1969—1973, 1975-1976. Evening Instructor, The University of Texas at Austin, Division of Extension, Austin, Texas, 1970—1973, 1975—1975.

Facility Manager, Burroughs Corporation, The Southwest District, Dallas, Texas, 1973—1975.
Responsibilities: Management, scheduling, coordination; and teaching customers, programmers, and sales personnel hardware and software on a medium systems computer.

Assistant and Counselor, Southern Methodist University, John Von Neumann Mathematics Seminar for Secondary Students, Dallas, Texas, Summer 1969.

Undergraduate Assistant, Southeastern University, Department of Mathematics, Hammond, Louisiana, 1968—1969. Responsibilities: Tutoring and grading papers for an in-service mathematics course for secondary teachers.

LEADERSHIP AND ACTIVITIES IN PROFESSIONAL ORGANIZATIONS

National Council of Teachers of Mathematics (NCTM)
Texas Council of Teachers of Mathematics (TCTM)
Greater Dallas Council of Teachers of Mathematics (GDCTM)
American Mathematical Association of Two-Year Colleges (AMATYC)
Texas Mathematical Association of Two-Year Colleges (TexMATYC)
Mathematical Association of American (MAA)
American Educational Research Association (AERA)
Cedar Valley Faculty Association
President 2007-2011
Vice President, 2003-2007
President. 2001-2003
Instructional Goals Representative, 1995—1997.
Secretary, 1993-1995
Texas Community College Teachers Association (TCCTA)
Member, Elections Committee 2006-2007
Chair, Membership Committee 2003-2004
Member, Professional Development Committee 2002-2003
President, TexMATYC, 1988-1990
Vice-President, TexMATYC 1986-1988
Evaluation Co-Chair, National AMATYC Convention, Calgary, October 1988
Evaluation Co-chair, National AMATYC Convention, Baltimore, Maryland, 1989
General Co-chair, National AMATYC Convention, Dallas, Texas, October 1990
Presider, National AMATYC Convention, Indianapolis, Indiana, October 1992

PROFESSIONAL TALKS AND PRESENTATIONS

Invited Speaker, National AMATYC Convention, “A Comparison of Six Math Labs,” Baltimore Maryland, October 1989.

Invited Speaker, National AMATYC Convention, “An Evaluation Model for Discrete Mathematics,” San Francisco, California, November 1986.

Invited Speaker, Regional NCTM Meeting, “Future Two-Year College Mathematics Curricula,” Dallas, Texas, February, 1986.

REVIEWER

Pearson, *Calculus with Applications (9th Ed)*, Spring 2010
Saunders College Publishing Company, Fall 1983.
Scott, Foresman and Company, 1985-1986, 1989.
Prentice-Hall, Inc., 1986-1988.
Harcourt Brace Jovanovich, Inc., Summer 1988.
Addison-Wesley Publishing Company, Fall 1986.
Benjamin/Cummings Publishing Company, Spring 1986.
Dellen Publishing Company, Summer 1986.
McGraw Hill Book Company, Spring 1987.
Worth Publishing Company, Spring 1987.
D.C. Heath and Company, Fall 1987.
Harper & Row Publishers, Inc., Summer 1986.

PUBLICATIONS

Contributor, **Keys to Improved Instruction, MAA Notes No. 11**, Betty Anne Case (Editor), 1989.

“Creativity and Mathematics,” Article Submitted to **The Journal for Research in Mathematics Education**.

A Manual for Part-time Mathematics Instructors at Brookhaven College, April 1983.

An Informational Brochure for Prospective Mathematics Students at Brookhaven College, Summer 1983.

Honors Catalog for Prospective Honors Students at Brookhaven College, Fall 1989.

DCCCD “Combo” Test for Placement/Advisement in Mathematics, 1983. (Mathematics Resource Committee)
Co-authors: Robinson—CVC, Dennis—EFC, Harman—ECC, Penn—MVC, Morman—NLC, Peteet-RLC.

A Study Guide for Liberal Arts Mathematics, May 1982.

A Study Guide for Developmental Mathematics (Intermediate Algebra), August 1981.

Chair, Mathematics Common Learning Project Committee, The Dallas County Community College District, Dallas, Texas, 1984—1985.

Co-authors: Bennett—EFC, Branum—RLC, Dennis—EFC, Fletcher—CVC, Ohlhausen—MVC,
Penner—RLC, Harman—ECC, Morman—NLC.

District Course Outline for Pre-Algebra 76 Objectives

District Course Outline for Elementary Algebra 48 Objectives

District Course Outline for Intermediate Algebra 82 Objectives

District Course Outline for Liberal Arts Mathematics 34 Objectives

Chair, The Program Evaluation Committee, Brookhaven College, The Dallas County Community College District, Farmers Branch, Texas, 1978—1986.

Responsibilities: Coordination, writing, consulting, editing, and directing research in all disciplines

Shelp, Phil. “Evaluation of the Master Teacher Concept in Biological Science (BIO 115),” May, 1979.

Olson, Margot and Tommy Thompson (editor). **A Brief Overview of Some Important**

Considerations for Designing an Evaluation Study. The Dallas County Community College District
April, 1979.

Pendleton, Julie, “Evaluation of the Master Teacher Concept in College Algebra (MTH 101),” Spring
1981.

Strickland, Lorene. “Evaluation of the Master Teacher Concept in English (ENG 101),” Fall, 1981.

MEMBERSHIPS AND/OR PROFESSIONAL ACTIVITIES ON A REGIONAL, STATE, OR NATIONAL SCALE

Distinguished Service to Students at Cedar Valley College, 1993, 2006

Cedar Valley College Minnie Stevens Piper Professor Award for Excellence in Teaching, 2001

Teaching Excellence Award, Cedar Valley College, 1996

The Texas Region’s Phi Theta Kappa Pinnacle Award for Continued Excellence for an Advisor, 2007

Member, Undergraduate Education Committee, The Texas Higher Education Coordinator Board, 2006-2009

President’s Award, Cedar Valley College, April 1993

Nominated and attended the 1983 and 1993 National Conference on Teaching Excellence, The University of Texas at Austin, Austin, Texas, May, 1983 and May 1993.

Co-Chair, The Facilities Task Force, Cedar Valley College, 1992--1993.

Co-Advisor, Phi Theta Kappa International Honor Society, Cedar Valley College, 1993—Present.

President, Dallas County Community College Faculty Association, 2009-2011.
District II Coordinator, Phi Theta Kappa International Honor Society, 2000-Present.
Campus Representative, Texas Community College Teachers Association, Cedar Valley College, 1991— Present.
Member, Cedar Valley College Faculty Association, 1991—Present.
Champion, Visions of Excellence Program, 2001-2010.
Member, Texas Community College Teachers Association, 1977—Present.
Chair, USA All American Scholarship Committee, Cedar Valley College, 1995--Present
Chair, Jack Kent Cooke Scholarship Committee, Cedar Valley College, 1995—Present.
Chair, The Professional Development Team, Cedar Valley College, 2005—Present
Member since 1993.
Member, Title III Committee, Cedar Valley College, 1992-1993
Member, Undergraduate Program Committee, Cedar Valley College, Self-Study for the Southern Association of Colleges and Schools, 1991—1993.
Member, Steering Team For the 2013 Southern Association of Colleges and Schools (SACS) Self-Study.
Member, Continuing Education, Outreach and Service Programs Committee, Cedar Valley College, Self-Study For the Southern Association of Colleges and Schools, 1991—1993.
Nominated for the 1990 American Mathematical Association of Two-Year Colleges Mathematics Excellence Award.
Chair, District Mathematics Curriculum Committee, The Dallas County Community College District, Dallas, Texas, 1985-1987.
Chair, Program Evaluation Committee, Brookhaven College, The Dallas County Community College District, Dallas, Texas, 1978-1986.
Nominated and attended International Conference in Higher Education, The University of Heidelberg, Heidelberg, West Germany, October, 1984.
Delegate, Texas Mathematical Association of Two-Year Colleges for the American Mathematical Association of Two-Year Colleges, 1982—1984, 1986—1990.
Nominated and attended Seminar on Mastery Learning, The University of Chicago and Loop College, Chicago, Illinois, Summer, 1980.
Graduate Student Representative, The Graduate Assembly, The University of Texas at Austin, Austin, Texas, 1976—1977.
Awarded Sabbatical, “Articulation and Transfer in the DCCCD Mathematics Curriculum,” Spring 1987.
Chair, TCCTA Mathematics Section Nominating Committee, 1986.
Chair, District Common Learning Project Committee, 1984—1985.
Chair, Who’s Who Among Students, Brookhaven College, 1986—1990.
Chair, Who’s Who Among Students, Cedar Valley College, 1994—Present.
Chair, Brookhaven College Honors Committee, Brookhaven College, 1989—1990.
Chair, Search Committee for Physics Faculty, Brookhaven College, 1989.
Secretary, District Mathematics Curriculum Committee, 1984—1985.
Member, Brookhaven College Adult Advisory Board, Brookhaven College, 1989—1990.
Member, DCCCD Instructional Goals and Academic Freedom Committee, Brookhaven College, 1989—1990.
Member, Brookhaven Honors Committee, Brookhaven College, 1984—1989.
Member, Brookhaven Assessment Committee, Brookhaven College, 1982—1986.
Member, District Mathematics Resource Committee, Brookhaven College, 1982—1986.
Representative, Brookhaven Faculty Council, Brookhaven College, 1984—1986, 1989—1990.
Member, Brookhaven Educational Technology Committee, Brookhaven College, 1982—1983.
Member, Brookhaven Readmission Committee, Brookhaven College, 1980—1982.
Member, TexMATYC Nominating Committee, 1980.
Member, Brookhaven ID Grants and Contracts Committee, Brookhaven College, 1978—1980.
Elected Phi Kappa Phi, Southeastern University, 1969.
Elected Pi Mu Epsilon National Mathematics Honor Society, 1968.

COURSES TAUGHT

The Dallas County Community College District (1977—1990, 1991—Present)

DMAT 0064	Basic Mathematics	(Developmental)
DMAT 0090	Pre-Algebra	(Developmental)
DMAT 0091	Elementary Algebra	(Developmental)
DMAT 0093	Intermediate Algebra	(Developmental)
MATH 1414	College Algebra	
MATH 1316	Trigonometry	
MATH 1324	Mathematics for Business and Economics	
MATH 1325	Business Calculus and Applications I	
MATH 1376	Business Calculus and Applications II	
MATH 1332	College Mathematics I	
MATH 1333	College Mathematics II	
MATH 1348	Analytic Geometry	
MATH 2513	Calculus I	
MATH 2414	Calculus II	
MATH 2315	Calculus III	
MATH 2442	Introduction to Statistics	
MATH 2412	Precalculus Mathematics	
MATH 2418	Linear Algebra	
MATH 2420	Differential Equations	

Seminole Community College (1990-1991)

MAT0024	Basic Mathematics
MAT0033	Intermediate Algebra
MAT0012	Fundamentals of Mathematics

Collin County Community College (1987—1989, 1997—Present/part-time)

MATH 2413	Calculus I
MATH 2414	Calculus II
MATH 1316	Trigonometry
MATH 1376	Calculus for Business and Economics II

The University of Texas at Austin (1969—1973, 1975—1977/part-time)

MATH 301	College Algebra
MATH 302	Introduction to Mathematics
MATH 603a	Mathematics for Business and Economics I
MATH 603b	Mathematics for Business and Economics II
MATH 305g	Elementary Functions and Coordinate Geometry
MATH 808a	Calculus I
MATH 808b	Calculus II

PERSONAL DATA

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Lancaster, Texas 75134
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