

Vita of Craig Hane Ph.D. aka Dr. Del

Born Greencastle, Indiana, November 30, 1938

Studied mathematics at GHS and DePauw in 1954-6

Tutored geometry to fellow student at GHS in 1955

Taught trigonometry to fellow students at GHS in 1956

Graduated Greencastle High School (GHS), 1956

Graduated Oberlin College, 1960. Math and English double major.

Taught Oberlin students as "Problem Session Instructor" for three years.

Taught high school math (Algebra, Geometry, Trigonometry, and Seniors Honors Course) at Western Reserve High School in Wakeman, Ohio in 1960-1. He says it was perhaps his most enjoyable teaching experience.

Taught at DePauw University second semester in 1961-2, while department chairman, Dr. Clint Gass was on sabbatical. Dr. Gass was one of his mentors.

Enrolled as math graduate student at Indiana University in first semester of 1961-2

Taught math to I. U. students for four years at I.U. as a Teaching Associate, and earned living as a math tutor for students at all levels, including athletes at I.U.

Received Ph.D. in math from I.U. in fall of 1966. Major: Algebraic Number Theory.

Associate Professor of math at Indiana State University (ISU) 1966 -69,
Taught advanced theoretical courses such as topology, and also taught the most advanced math course for math education majors, Modern Algebra.

Professor of math at Rose Hulman Institute of Technology 1969 - 73.
Taught advanced theoretical math courses, and also math courses for engineers such as calculus and differential equations.

Was involved with several businesses 1969 to present.

Taught electronics technology at ISU in 1978-9, in particular digital electronics and operational amplifiers. This experience became the inspiration for Hane Training, a very successful industrial training company.

Founded Hane Training in 1980. www.hanetraining.com gives list of the many industrial training programs, mostly onsite workshops, developed and taught over the next three decades. Today these programs are delivered by www.learnmaintenance.com

Learned that practical math is the foundation and key to learning virtually any technical subject, and that most adults could learn this math in spite of any phobias against math they might have developed earlier.

Founded Triad Math Inc. more recently. www.TriadMathInc.com TMI is dedicated to delivering a superlative mathematics education to any student, of any age, who wants to learn math that is appropriate to their broader interests and aspirations, and consistent with their previous math knowledge. TMI's math programs utilize the Effective Math Education Triad, and follow the SPIKE Principles.

Dr. Hane, or Dr. Del as his students call him, believes that the current Standard Mathematics Curriculum (SMC)(middle and high school) is "failing" the majority of students and can and should be replaced by a modern much more effective math curriculum and delivery system. This is explained in detail in his book, *Teaching Math*. You may get a free PDF copy of it.

Any student who has to spend more than \$15 on high school math textbooks, is definitely being "shortchanged" and taken advantage of, as is the school.

The high school math teachers today are also "victims" of the SMC just as the students are.

High schools themselves are "victims" of this insidious system, the SMC. The SMC is not only failing their students miserably, it is very expensive and costing the high schools multiples of what a good appropriate math education should cost.

Dr. Hane stands ready to prove this to any high school decision maker with an open mind.