Continuing Education (Non-Degree Courses)

- Advanced Calculus, Summer, George Washington University, 1967;
- Complex Variables, Summer, George Washington University, 1967;
- Kalman Filtering, Summer, UCLA, 1969;
- Public Speaking, G.E. Marketing Program, 1972;
- Kalman Filtering and LQG Control, MIT Summer, 1974;
- Microprocessor Workshop, IEEE CDC Course, 1977;
- SSBN Fire Control (numbers of missiles/RV/warheads), one day Navy course, Dam Neck, VA, 1976;
- TASC Navigation Technology Internal Course 1976-1977;
- Global Positioning System (GPS), Intermetric; Inc.'s Internal Course, 1980;
- Strapdown Inertial Nav. Workshop, PLANS, taught by Paul Savage, 1982;
- Ada, IEEE Course, 1982;
- Radar Technology, IEEE Course, 1982;
- C3I, IEEE Course, 1983;
- Ada, Intermetrics Internal Course (Intermetrics with Air Force Ada won the development competition vs. Softech's Army Ada), 1983;
- Digital Signal Processing, IEEE Course, 1984;
- Advanced Techniques of Spectral Estimation, IEEE Course, 1984;
- VHSIC Applications Workshop, Palisades Institute, 1984;
- Geometric Arithmetic Array Processor Workshop, NCR Seminar, 1984;
- Expert Systems/AI, IEEE Course, 1985;
- Integrated Aircraft Navigation Systems, Navigation Technology (Navtech) Seminars, taught by James Farrell, 1985;
- Stratus Computer Course, Stratus Seminars, 1985;
- Radar, Past, Present and Future, IEEE Course, taught by Eli Brookner, 1986;
- SDI Tutorial at Electro' 86, IEEE Course, 1986;
- Fiber Optics Communication, IEEE Course, 1986;
- MMIC Technology, IEEE Course, 1987;
- Effective Communications, MIT Lincoln Laboratory Course, 1989;
- Management Without Authority, MIT Lincoln Laboratory Course, 1989;
- Advanced Integration of GPS and Inertial Navigation Systems, Navtech Seminars, taught by Neal Carlson & Jeff Guier, 1989;
- Dealing with Conflict and with Difficult People, MIT Lincoln Laboratory Course, 1989;
- Multi-sensor Data Fusion and Multi-sensor Techniques (MSDF/MUST), University of Maryland, University College Center for Professional Development, taught by Prof. Cornelius T. Leondes, 1989;
- Presentation Techniques, MIT Lincoln Laboratory Course, 1990;
- "Spend a Day with an MIT Professor"-Prof. Michael Athans, MIT, May 1990;
- Passive and Active Infrared Sensors, IEEE Course, April/May 1991;
- Recursive Algorithms for Tracking in Clutter, AACC Tutorial Workshop, June 1991;
- Neural Networks in Control Systems, AACC Tutorial Workshop, June 1991;
- Lincoln Laboratory Radar Systems Course, 1991-1992;
- Beginner's and Intermediate WordPerfect, A.B.L.E., 1992;
- Beginner's Lotus 1-2-3, A.B.L.E., 1992;
- Overview of Proper Business Practices, 1992;
- Digital Adaptive Beamforming, Tutorial at IEEE National Radar Conference, 1993;
- Access Database Development (Introductory and Advanced), Softbite International, 1993;
- Introduction to the C Computer Language, IEEE Course, 1993;
- Introduction to C++ and Objects, Joint IEEE and Lowell Institute Course, 1993;

- Introduction to Visual Basic 3, Boston University, 1993;
- Introduction to SIMULINK, The MATH Works Course, 1993;
- Numerous VB lectures at VBITS Conference, 1993;
- Numerous software lectures at National Software Developers Conference, 1993;
- Intro to Visual Basic 3, New Technology Solutions, 1994;. • Advanced Visual Basic 3, New Technology Solutions, 1994;
- Advanced Visual Basic 3, Microsoft, 1994; • Numerous software lectures at Microsoft Software Developers Conference, 1994;
- Neural Networks and Adaptive Control, MIT Summer Course, 1994;
- Five different GPS courses: DGPS, GPS Attitude Determination, GPS/INS integration, GPS RAIM, NavTech Seminars, 1994;
- Wavelets, IEEE, 1995;
- Wavelets, Wellesley College (under Prof. Gil Strang of MIT), summer 1995;
- Neural Networks, IEEE, 1995;
- GPS, IEEE, 1995; • Intro to Act 2.0, CompUSA, 1995;
- Act 2.0 Intermediate, CompUSA, 1995;
- Advanced Visual Basic 4, New Technology Solutions, 1995;
- Microsoft DOS (Intro, Intermediate, Advanced), CompUSA, 1995;
- Microsoft Windows (Intro, Intermediate, Advanced), CompUSA, 1995;
- Microsoft Word (Intro, Intermediate, Advanced), CompUSA, 1995;
- Microsoft Excel (Intro, Intermediate, Advanced), CompUSA, 1995;
- Microsoft PowerPoint (Intro, Intermediate), CompUSA, 1995;
- Microsoft Access (Intro, Intermediate, Advanced), CompUSA, 1995;
- Microsoft Project, CompUSA, 1995;
- Numerous VB and VC++ lectures at VBITS Conference, 1995
- Mapptitude GIS, Caliper Course at CompUSA, 1995;
- Quicken (Intro, Intermediate), CompUSA, 1995;
- QuickBooks (Intro, Intermediate), CompUSA, 1995;
- Corel Draw (Intro, Intermediate), CompUSA, 1995;
- Robust Control, MIT Summer Course, 1995;
- Windows 95, CompUSA, 1995;
- Windows NT, CompUSA, 1995;
- Using MarketPlace software, MarketPlace Course, 1995;
- Tactical and Strategic Missile Guidance, AIAA Course, taught by Dr. Paul Zarchan, 1995;
- Precision Stabilization and Laser Pointing Systems, SPIE Course, 1996;
- Introduction to Image Processing, SPIE Course, 1996;
- Multiple Sensor, Multiple Target Tracking, SPIE Course, taught by Dr. Oliver Drummond, 1996;
- Data Acquisition and Signal Conditioning, Data Translation, 1996;
- JAVA Jolt Seminar, Symantec, 1996;
- Advanced Digital Signal Processing-Modern Techniques, IEEE Course, 1996;
- Adaptive Array Processing for Airborne Radar-IEEE tutorial at International Symposium on Phased Array Systems and Technology, taught by Eli Brookner, 1996;
- Numerous software lectures at Microsoft Software Developers Conferences 1990-present;
- VBITS, and vendor product release presentations 1992-1998;
- Advanced M/S Excel, New Technology, April 1998;
- Satellite Communications, IEEE Course, 1998;
- Computational Optimal Control, AIAA Course, 1998;
- Adaptive Arrays, Sidelobe Canceller, CFAR, and Clutter Modeling, taught by Eli Brookner, IEEE Course, 2000-2001;

- Advanced M/S FrontPage, MicroCenter Course, 2001;
- Principles of Fourier Optics and Diffraction, SPIE Course, 2001;
- Boosting Your Professional Profile: Tools and Techniques for Advancing Your Career, SPIE Course, 2001;
- Wise Installer 8.1, a two day course from Wise in New York, NY, on 9/4/2001;
- Using ATEasy, a two-day course taught by National Instruments/Keithly, 2005;
- Phased Array Radars, taught by Eli Brookner, IEEE Course, 2015.