



Professional EW Course Offering!

20-22 July 2021 (08:30-16:00)

San Antonio, Texas

EW101: Fundamentals of Electromagnetic Warfare (EW)

EW101 is a concepts-driven, three-day introductory course to EW, with theory presented with minimal mathematics. This is an ideal course for those new to EW, supporting EW (software development/marketing/management), or those returning to EW requiring a short refresher on key topics. The course includes both lecture and practical exercises that reinforce the topics presented, which include (but are not limited to):

- EW Terms and Definitions
- Key Radar System Theory for EW
- Radar Types/Functions/Displays
- Phased Array Antenna Systems
- RF Propagation/Environmental Impacts
- EW Receiver System Basics
- EW Jamming System Basics
- Integrated Air Defense Systems (IADS)
- Modern Radar Development Trends

Supported by



REGISTRATION

Enrollment Fee: **\$1,695** per student

Seating is limited!

Enrollment cutoff date: **9 July 2021**

To enroll in this popular training course (or for more information) contact us at (540) 779-7472 or via email at register@ataero.com

CLASS DATE & TIME: **20-22 July 2021 (08:30-16:00)**

LOCATION: **16414 San Pedro Ave, Suite 1000, San Antonio, TX 78232** (10th Floor, Wells Fargo Building)

About the Instructor

Dr. Pat Ford, Director of Science & Technology/Chief Remote Pilot for Atkinson Aeronautics & Technology, has spent over four decades supporting EW, including systems engineering, research and development, ground/in-flight testing, and training, with extensive tactical EW experience on surface, subsurface, and airborne platforms. He has presented EW and aerospace training courses around the globe, including both professional seminars and university courses. Pat is an EW science advisor for the U.S. Navy, as well as a Federal Aviation Administration (FAA) certificated advanced ground instructor, private pilot, and commercial UAS remote pilot. He is also an adjunct professor with Embry-Riddle Aeronautical University Worldwide College of Aeronautics (Graduate Studies/Department of Flight). He received his Ph.D. in Applied Management and Decision Sciences from Walden University, with a Specialization in Naval Warfare Operations Analysis, where his research culminated in the first ever use of a commercial off-the-shelf (COTS) radar on a Group 3 or smaller UAS. His Master of Science degree is in Space Studies (University of North Dakota). A retired U.S. Naval Reserve cryptologic officer, he is one of the few individuals to graduate from both the National Intelligence University Post Graduate Intelligence Program (PGIP) and the Middle Enlisted Cryptologic Career Advancement Program (MECCAP).

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