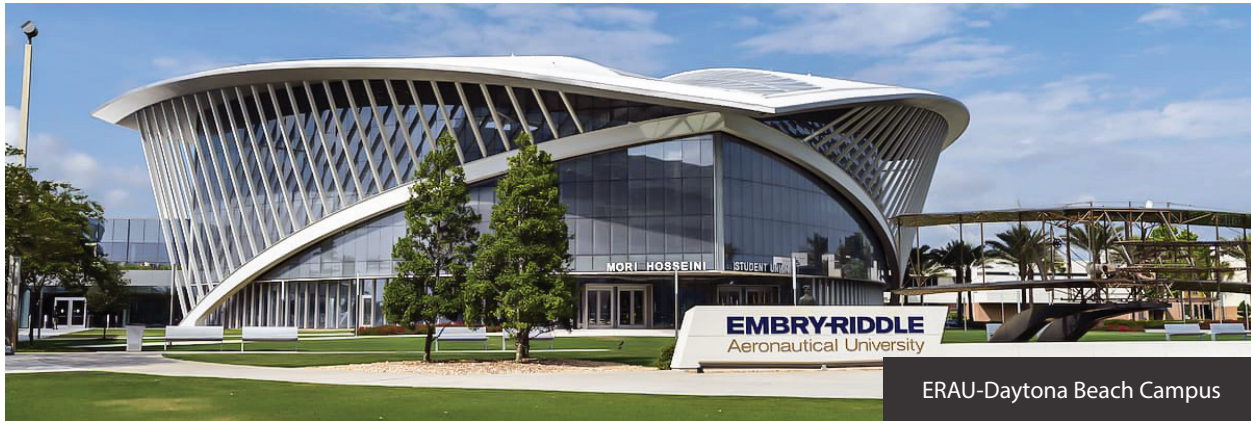




EMBRY-RIDDLE AERONAUTICAL UNIVERSITY - DAYTONA BEACH



As the world’s oldest, largest, and most prestigious university specializing in aviation and aerospace, research and education in cybersecurity at **Embry-Riddle Aeronautical University (ERAU)** have grown significantly in recent years, particularly in the area of aviation-related cybersecurity. ERAU – Daytona Beach campus was designated in 2016 as a National Center of Academic Excellence (CAE) in Cyber Defense Education, carrying also a Secure Software Development focus, the only institution in the State of Florida to have this specialized designation.

The Cybersecurity and Assured Systems Engineering (CyBASE) Center at ERAU – Daytona Beach campus performs research in cybersecurity associated with critical infrastructures and assured systems, such as aviation and aerospace systems. CyBASE projects are carried out in the Cybersecurity Engineering Lab

(CybEL) and the Avionics Cybersecurity Lab depending on the needs of specific projects. Furnished with state-of-the-art hardware and software to permit involvement in cybersecurity attack and defend exercises, the CybEL facility is isolated from the outside world. Designed to meet instructional and research needs in the area of cybersecurity, CybEL also includes a visualization infrastructure to apply techniques and display information to cyber-attack related data. The Avionics Cybersecurity Lab employs experienced faculty and students motivated to performing research on a broad range of topics that focus on the design, development, and implementation of techniques and tools for cybersecurity assessment and protection of avionics systems and airborne systems.

ERAU – Daytona Beach offers a Cybersecurity Engineering Area of Concentration within the Bachelor of Science in Computer Science, a Cybersecurity Engineering Minor, and the Master of Science in Cybersecurity Engineering.

DESIGNATIONS

- CAE – Cyber Defense Education

CONTACT INFORMATION

Dr. Radu F. Babiceanu
(386) 226-7375
babicear@erau.edu

daytonabeach.erau.edu/about/labs/cybase

