



American Society of Naval Engineers Tidewater Section

ASNE
TIDEWATER
ANNOUNCEMENT

VIRGINIA MODELING, ANALYSIS AND SIMULATION CENTER TOUR

Attention ASNE Tidewater Members and Friends!

You are invited to tour the **Virginia Modeling, Analysis and Simulation Center (VMASC)** at Old Dominion University on **January 30th at 2:00 PM**, hosted by ASNE TW member and VMASC/ODU Program Manager, **Joe Kosteczko**. The address is 1030 University Blvd, Suffolk, VA 23435. This is a **FREE** event and we ask that you meet a few minutes before 2:00 in the Main Lobby.

Please indicate your interest in touring the facility by emailing us at: ASNE.Tidewater.Social@gmail.com
Below is a bit of history and information about the Center. We hope to see you there!

Founded in 1997 originally by the request of the Department of Defense (DoD), the Virginia Modeling, Analysis, and Simulation Center (VMASC) is a multidisciplinary applied research and enterprise research facility of Old Dominion University located in the Tri-Cities Center in Suffolk, Virginia. Staffed by over three dozen research faculty and project scientists, we provide modeling and simulation, analytic research, and technological support for partners across various industry, community, and government sectors, including healthcare, cybersecurity, strategic defense, transportation and infrastructure, usability, and instructional design.

One of the most recent business units established at VMASC is the Virginia Digital Shipbuilding Program (VDSP) which was started with seed funding from the Go Virginia Grant Program and being sustained with Virginia State Assembly funds and various other research and education grants from federal, state, local and private organization. VDSP with partnerships from industry, education, local and federal government, and community partners through-out Hampton Roads and Virginia responds to the demands of Industry 4.0 that includes digital transformation, use of emergent technologies, and changing workforce. The program provides a process and platform to address education and training gaps, adoption of innovative new technologies and the ability to provide real-time solutions to current and future shipbuilding, ship repair and advanced manufacturing problems. There are three distinct pillars of VDSP to include: Career Pathway Mapping and Curriculum Development; Outreach and Workforce Development; Research and Development. The ultimate goals of VDSP are to develop new processes, upscale the current workforce and equip future workforce for the demand of the advanced careers of the digital age by empowering innovation and developing an agile culture.

