



# RoboEdu Design Challenge 2016

## 22-24 March 2016



[CRUSER.NPS.EDU](http://CRUSER.NPS.EDU)

 **CRUSER** Navy Robotics Education Continuum



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**WHAT:** The Naval Postgraduate School's (NPS) Consortium for Robotics and Unmanned Systems Education and Research (CRUSER) will host a robotics education design challenge workshop (RoboEdu-16) on the NPS campus from 22-24 March, 2016 in Monterey, CA.

**WHY:** The purpose of this inaugural RoboEdu design challenge is to solicit Navy-Marine Corps fleet feedback for the SECNAV essential to informing the development of robotics and autonomous systems (AS) education and training for future Naval officers.

**WHO:** CRUSER was established in 2011 by the Secretary of the Navy to shape generations of naval officers through education, research, concept generation and experimentation in maritime application of robotics, automation, and AS. RoboEdu is one part of a continuing education series intended to specifically address the SECNAV's robotics and unmanned systems educational intent by actively engaging fleet education and training stakeholders to inform future graduate as well as undergraduate curricula and training. Robotics education and implications of AS development and employment extend beyond the traditional Naval science and engineering schools (i.e. US Naval Academy (USNA), NPS). Just as CYBER has been incorporated into the Naval service's technical as well as professional military education (PME) (i.e. Naval War College (NWC), Marine Corps University (MCU)), the military evolution of robotics and AS dictates a similar focus. RoboEdu-2016 is intended to initiate the discussion and build momentum for future educational forums and conversations around this rapidly emerging topic.

**HOW:** RoboEdu will challenge participants to draft the design of future robotics and autonomous systems education offerings within the Navy – Marine Corps Training and Education community. RoboEdu will elicit fleet stakeholder feedback using a design process, that will immerse participants in current curriculum offerings and training opportunities available to warfighters; and then task teams to explore the problem space, scope the challenge, identify opportunities, and finally present their recommendations on the final morning of the challenge.

To register for RoboEdu-16, please email Ms. Lyla Englehorn at [roboedu@nps.edu](mailto:roboedu@nps.edu) or call COMM 831-656-2615. Additional workshop information can also be found on the CRUSER web site at

***[cruser.nps.edu](http://cruser.nps.edu)***