

Underwater Robotics & Engineering Design

Arizona Project WET and MATE



💧 Investigate 💧 Innovate 💧 Integrate



Arizona Project WET in collaboration with Marine Advanced Technology Education (MATE) is providing this exciting new offering for 5th-12th grade Tucson educators!

Using MATE & APW materials:

- ✓ Investigate the Central AZ Project delivery system
- ✓ Understand how ROVs are used in the water industry
- ✓ Engage in the engineering design, building, and testing of marine ROVs
- ✓ Develop an understanding of buoyancy, hydrodynamics, forces, energy, electrical circuitry, wiring, soldering, and control systems
- ✓ Integrate ROVs into a class or club



Dates

July 18 – 21, 2017
8:30 AM – 5:00 PM
University of Arizona

Benefits

- ✓ Build the skills and confidence you need to teach engineering design of ROVs to students
- ✓ **Receive \$400 worth of tools, an ROV kit, and lessons**
- ✓ Your students will be eligible to participate in a mini-scrimmage, similar to regional MATE competitions, in Spring 2018



Enroll today!

- ✓ \$200 registration fee required
- ✓ Apply online at: <https://goo.gl/kf8uWy>

Questions? – Contact Betsy Wilkening ewilkening1@email.arizona.edu
Learn more at: <https://arizonawet.arizona.edu/> and <https://www.marinetech.org/mate-summer-institutes-2017/>



THE UNIVERSITY OF ARIZONA
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