

# OLD DOMINION UNIVERSITY - TEAM TECHNOLOGY

## 2010 Autonomous Surface Boat Design Competition

### AUVSI and ONR's 3rd International Autonomous Surface Vehicle (ASV) Competition

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**10-13 June 2010**

Founders Inn & Spa

Virginia Beach, VA, USA

**The Autonomous Surface Vehicle Competition (ASVC) is a student competition based around unmanned boats operating under rules of the waterway.**

### Overview of ODU . . . .

Old Dominion University is a Carnegie Doctoral/Research - Extensive university with more than 20,000 students located in Norfolk, Va. The university has six colleges – Arts and Letters, Business and Public Administration, Education, Health Sciences, Science and the Frank Batten College of Engineering and Technology (BCET).

The Department of Engineering Technology offers ABET accredited programs in Civil Engineering Technology, Electrical Engineering Technology, and Mechanical Engineering Technology. In addition the Department offers programs in General Engineering Technology and Motorsports Engineering Technology.

Our Bachelor of Science in Engineering Technology (BSET) programs are developed specifically for students who desire a technical undergraduate education with an emphasis on solving actual work place problems. These programs provide an exceptionally strong foundation for applications of scientific and engineering knowledge and methods in the work place. Additionally ODU's TELETECHNET distance learning network, the largest interactive, televised program in the country, offers full degree programs to more than 50 sites in Virginia and about a dozen sites in eight other states.

### Comparison of Engineering Technology and Engineering Programs

Engineering technology and engineering are similar in many ways and there is much overlap between these two fields in the work place. The most important distinction involves a difference in focus.

Engineering technology emphasizes application and implementation of known technologies where engineering focuses on research and development of new technologies. From a course content viewpoint, engineering technology programs require mathematics and science courses that are more application based compared to the theoretical concepts that are the focus of engineering programs.

### Engineering Technology Is . . . .

The profession in which knowledge of the mathematics, natural sciences, and applied engineering fundamentals gained through higher education, hands-on experience, and industrial practice is devoted to application of engineering principles and the implementation of technological advances for the benefit of humanity.

Engineering Technology education focuses primarily on analyzing, applying, implementing and improving existing technologies and is aimed at preparing graduates for practice in that portion of the technological spectrum closest to the product development, improvement, build, and support.