



# SURE

Seawolf Underwater Robotics Engineering

## The Copiah-Lincoln Community College Seawolves



**Back row left:** Justin Alexander, Sophomore, Electronics; Charles Furr, Freshman, Electronics, **Safety Officer**; Steven Schepers, Sophomore, Engineering; Levi Weeks, Sophomore, Engineering; Brandon Boyd, Freshman, Drafting. **Back row right:** Kim Kolpeck, Sophomore; Reginald King, Sophomore, Engineering; Zach Fetcko, Sophomore, Business, **CFO**; Brian Turnage, Electronics Instructor; Darren Rogers, Sophomore, Machining; Chris Herring, Sophomore, Drafting, **Design Engineer, Pilot**. **Middle row:** Keith Smith, Sophomore, Engineering; Aaron Barr, Sophomore, Drafting, **CEO**; Bruce Thomas, Drafting and Design Instructor; Richard Baker, Business Instructor; Christy Wright, Sophomore, English, **Public Relations**; Drew Michel, consultant. **Front row:** Dr. Kevin McKone, Physics Instructor; Bob Christ, Seatrepid, technical advisor and contributor. **Not present for photo:** Chris Olander, Sophomore, Electronics, **Electrical Engineer**; Carey Williamson, Electronics Instructor; Bo Johnson, Precision Machining Instructor; Wes Burkett, Drafting and Design Instructor; Nicole Donald, English Instructor.

This will be the Seawolves first time ever to participate in a MATE Competition. We will be traveling from the Wesson, Mississippi, campus of Co-Lin Community College to attend the Orlando Competition, a distance of approximately 1,117 Km.

## Seawolf 1

### Specifications

**Primary Construction Materials:**  
Aluminum angle iron, clear acrylic tubing

**Approximate Dimensions:**  
Width - 46 cm  
Height - 30 cm  
Length - 60 cm

**Weight in air:**  
184 N

**Special Features:**

1. Adjustable Thruster mounts
2. Custom designed electronics housing
3. Custom designed manipulator arm

**Safety Features:**

1. Propeller Shields
2. Light weight frame, easily portable

**Cost:**

Donated Items:	\$1,879.25
<u>Purchased Items:</u>	<u>\$3,667.29</u>
Total Cost	\$5,546.54

### The Seawolf 1

