



Linn-Benton Community College ROV Team

Albany, Oregon

From right to left: (standing) Samantha Wierd (Science Team), Devon Goode (Power Block Design Lead, Programmer), Amos Parmenter (Chief Outreach Officer), Griffin Alberti (Co-Pilot), Greg Mulder (Mentor), Jonás Cervantes (Chief Executive Officer, Pilot), Krissy Kellogg (Chief Financial Officer), Stephen Gibbel (Chief Technical Officer, Programmer), Jacob Minten (Consultant). From right to left (kneeling) Kelli Sum (Safety Officer), Shane Lecari (Measurement Team), Josh Young (Human Resources), Max Flansberg (Measurement Team), Eli Yazzolini (Arm Team). Not pictured: Will Rogers (Arm Team). The team includes students from a fifth year high school program all the way to non-traditional students who have been at LBCC for over six years.



History of the Team

Linn-Benton Community College has fielded an ROV in the MATE competition since 2008. In 2011, LBCC placed 3rd overall in the Explorer class and received the coveted *Sharkpedo* award. In 2013, LBCC placed overall 5th and brought home the prestigious *Bang for the Buck* award.

Safety

Impeller blades are contained in custom 3D printed ducts with 3D printed protective gratings; land-side and onboard fuses, on board epoxy encapsulated power distribution system.

Special Features

Custom built power distribution system, custom designed 3D printed propellers/ducts/gratings (each thruster can produce over 30 newtons of thrust), brushless motors

Weight & Cost

Weight is 10.2 kg or 22.5 lbs. Cost is approximately \$3000.