



**BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY**

School of Energy

2015/16 Mechanical Engineering Capstone Projects

Student(s)	Project	Year	Faculty Advisor(s)	Collaborator(s)
Nima Kianipour Levi Devries Noah Thomlison Brett Jarvis	Flying Car	2015/16	Greg King	
Daniel Yen Warren Moffat Morgan Latremouille Trent Stewart	Golf Frisbee Launching Device (1)	2015/16	Dave Stropky	
Navjit Johal Kenneth Tjahjadi Kulpreet Gill	Golf Frisbee Launching Device (2)	2015/16	Dave Stropky	
Derek Charlton Brendan Saunders	Four-Position Unbalanced Hydraulic Valve	2015/16	Mick Andic	
David Giesbrecht Matthew de Boer Subin Kuzhiyil Chelsea Jerczynski	Integrated Crown and Stem Design	2015/16	Stephen McMillan	
Lucas Baldini Daniel Hoeller Trevor Leite	Pressure-Regulated Carbonated Liquid Dispenser (1)	2015/16	Stephen McMillan	
James Haakons Parco Lai Tyler Seibold Gary Barnett	Pressure-Regulated Carbonated Liquid Dispenser (2)	2015/16	Stephen McMillan	
Sherwin Bui Omar Abdulmajid Angelo Suarez	Sailboat Keel Design	2015/16	Taco Niet	
Michael Pope James Todd Murie	Vibration Experiment Apparatus	2015/16	Johan Fourie	

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Karim Kabani Nigel Kam	Static Loading Experiment Apparatus	2015/16	Johan Fourie	
Garrett Kryt Kurtis Lange	Electric Assist Off-Road Handcycle	2015/16	Johan Fourie Jaimie Borisoff	
Andrew Manson	Fishing Reel Design	2015/16	Johan Fourie	
Duncan Priestly Greg Wilkinson	Successive Refinement Yacht Design	2015/16	Johan Fourie	
Charles Gallagher Ellis Rennie	Design of a Topology Optimized Prosthetic Knee Joint	2015/16	Mehrzaad Tabatabaian	