



School of Energy

2016/17 Mechanical Engineering Capstone Projects

Student(s)	Project	Year	Faculty Advisor(s)	Collaborator(s)
Matthew Watters Karn Neele Ravi Chand	Topology-Optimized Open Ended Design	2016/17	Mehrzad Tabatabaian	
Ryan Fernando Thomas Gagliardi Sebastian Limin	Bicycle Hoist Carrier	2016/17	Johan Fourie	
Mila Karanovic Amin Askari Pao-Long Chen	Inverted Pendulum Robot Model	2016/17	Jaimie Borisoff Johan Fourie	
Caden Jang Darryl Nicolas Marvin Edralin	Flow Conditioner	2016/17	Vahid Askari	
Said Abu Mirar Nav Bains Harjot Gill	Multi-cylinder Elbow Engine	2016/17	Mehrzad Tabatabaian	
Zach Willson Dan Sanchez Jeff Meiklejohn Dylan Sawatzky	Sequential Planetary Gear System	2016/17	Stephen McMillan	
Ian Metz Sanesh Iyer Sean Brophy	Advanced Composite Component	2016/17	Greg King	
Daven Vicente Ross Irvine Graham Stewart	E-Bike Front Wheel	2016/17	Garrett Kryt (SFU) Johan Fourie	

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Tsz Ho Darrell Li Yick Chung Blanco Lam Paul Clarence Dela Masa	Ice Bank Geothermal Heat Pump Analysis	2016/17	Joseph Cheung	
Alexander Clowes	Rear Suspension Re-design and Optimization	2016/17	Alan Inglis	
Andrew Nicolle Mohammad Alqutub Kyle Cham	Rocket Roll Control System	2016/17	Taco Niet	