



BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY

School of Energy

2013/14 Mechanical Engineering Capstone Projects

Student(s)	Project	Year	Faculty Advisor(s)
Gurveen Bath Abhinav Bhardwaj	Airbrake Push Rod Travel-Measuring Tool	2013/14	Taco Niet
Gurnaik O. Chahal Paramveer S. Chahil Hei Ming Choy	Wheelchair Lifting Device	2013/14	Mehrzad Tabatabaian
Xu Zhao (Kevin) Chen Wai Chung Hui Saebin Oh	Wheelchair Backpack Unloader	2013/14	Stephen McMillan/ Taco Niet
Brendan Elder	LNG Heat Exchanger	2013/14	Mehrzad Tabatabaian
Thomas B. Gaudet Mark A. Preddy	Wind Tunnel Test Section	2013/14	Taco Niet
Darryl W. LeBeau Alex Mumm	Concentric Trailer Suspension	2013/14	Johan Fourie
Aaron A. Hufsmith Clayton W. McMunn Tareq M. Shobab	Fail-Safe Hydraulic Steering System	2013/14	Ken Wong
Kurtis D. Lynes	Wall-Mounted Hoist	2013/14	Johan Fourie
Kyle T. Andrews Michael Chen	Next Generation of Jumping Stilts	2013/14	Eugene Duruisseau/ Johan Fourie
Eric F. Cresswell Sean R. Fuoco Steven J. Belyea	Trenchless Waterline Replacement Device	2013/14	Greg King
Navkiran S. Hans Matthew R. Lee Sahaj Saini	Design and Optimization of a Fly-Wheel Disc Profile	2013/14	Mehrzad Tabatabaian
Justin R. Robertson	Skateboard Truck Testing Device	2013/14	Stephen McMillan/ Taco Niet