



Engineering in Action Engineering Challenge Camp

July 9-14, 2017

Cosponsored by the West Virginia University
Benjamin M. Statler College of Engineering & Mineral Resources and EQT
and sponsored in part by
Halliburton, Eaton, and the Service League of Morgantown

Sunday, July 9, 2017

Time	Activity	Place	Led By
6:30 p.m.	Drop Off/Check In	Lyon Tower	Cate Schlobohm
7:30 p.m.	Welcome/Rules/Icebreaker	Tower's Basketball Court	Evening Counselors
8:00 p.m.	Ice Cream Social and Free Time in Dorm	Lyon Tower Commons Area	Evening Counselors
11:00 p.m.	Lights Out	Lyon Tower	

Monday, July 10, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Icebreaker/Design Process and Types of Engineering Discussion	209 MRB	Day Time Counselors
11:00 a.m.	Physiologic Response Monitoring	B76 ESB	Dr. Robin Hissam (Biomedical Engineering Faculty)
12:00 p.m.	Lunch Speaker	G83 ESB	Madelin Gardner- Student Athlete
1:00 p.m.	Physiologic Response Monitoring	B76 ESB	Dr. Robin Hissam
2:00 p.m.	Tour Mylan Puskar Facilities	WVU Football Field	Athletic Training Staff
3:30 p.m.	Football Stadium Renovation Tour and Discussion	Milan Puskar Stadium	Professional Engineer; P.J. Dick, Inc.
4:30 p.m.	Travel to Dorms	Lyon Tower	Day Time Counselors
5:00 p.m.	Dinner	Towers Cafeteria	Evening Counselors
6:00 p.m.	Evening at WVU Rec Center (Includes Bubble Soccer, Zorbs, courts, and pool)	WVU Rec Center	Evening Counselors
9:00 p.m.	Free Time in Dorm	Lyon Tower	Evening Counselors
11:00 p.m.	Lights Out	Lyon Tower	

Tuesday, July 11, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	Day Time Counselors
9:00 a.m.	Physiological Response Experiment and Data Analysis	B76 ESB/Courtyard	Dr. Robin Hissam
10:30 a.m.	Leave for WVU Challenge Course	University Forest	Day Time Counselors
11:00 a.m.	Low Ropes Challenge Course and Zipline Canopy Tour	University Forest	Adventure WV Staff and Day Time Counselors
5:00 p.m.	Dinner at Dorms	Towers Cafeteria	Evening Counselors
6:00 p.m.	Bowling and Billiards	WVU Mountainlair	Evening Counselors
8:30 p.m.	Icecream at DQ	Dairy Queen on High St.	Evening Counselors
9:30	Free Time in Dorm	Lyon Tower	Evening Counselors
11:00 p.m.	Lights Out	Lyon Tower	

Wednesday, July 12, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	

9:00 a.m.	Physics of Martial Arts	105 MRB	Mrs. Lesley Casey; owner Casey's ATA
10:00 a.m.	Travel to Viking Gym		Daytime Counselors
10:15 a.m.	Science behind Weightlifting and Strongman Challenge Introduction	Viking Performance Training	Jerry Handley, owner Viking Performance Training
12:00 p.m.	Travel back to engineering	Engineering Sciences Building	Day Time Counselors
12:30	Working Lunch (Design Challenges)	205 MRB	Day Time Counselors
1:00 p.m.	Work Smarter not Harder Design Challenge	205 MRB	Day Time Counselors
5:00 p.m.	Dinner at Dorms	Towers Cafeteria	Evening Counselors
6:00 p.m.	Xscape Room	Xscape! Morgantown	Xscape! Staff
8:30 p.m.	Movie Night	G07 ERC	Evening Counselors
11:00 p.m.	Lights Out	Lyon Tower	

Thursday, July 13, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
8:30 a.m.	Rowing Video and Travel to Shell Building	G08 Lyon Tower	Day Time Counselors
9:30 a.m.	Mechanics of Rowing	Shell Building	Tina Griffith, Assistant Coach WVU Rowing
11:30 a.m.	Travel to Waterfront		Day Time Counselor
12:00 p.m.	Picnic Lunch	Waterfront	Day Time Counselors
12:30 p.m.	Boat Design and Rowing Technique	WVU Boathouse	Tina Griffith, Assistant Coach WVU Rowing
2:00 p.m.	Travel to Engineering		Day Time Counselors
2:30 p.m.	Cardboard Canoe Design Project	205 MRB	Day Time Counselors
5:00 p.m.	Cookout and Field Day	Towers Field	Evening Counselors and Camp Coordinators
9:00 p.m.	Free time in Dorm	Lyon Tower	Evening Counselors
11:00 p.m.	Lights Out	Lyon Tower	

Friday, July 14, 2017

Time	Activity	Place	Led By
8:00 a.m.	Breakfast	Towers Cafeteria	
9:00 a.m.	Final Design and Build Cardboard Canoes	205 MRB	Daytime Counselors
12:00 p.m.	Work Lunch	ESB Atrium	Daytime Counselors
12:30 p.m.	Leave for Rec Center		Daytime Counselors
1:00 p.m.	Cardboard Canoe Testing	Rec Center Pool	Daytime Counselors/Rec Center Staff
2:30 p.m.	Return to Engineering/ Poster Design	ESB Atrium	Daytime Counselors
4:00 p.m.	Poster Presentations	G102 ESB	Daytime Counselors
5:00 p.m.	End of Camp/Pick Up	G102 ESB/Lyon Tower	

