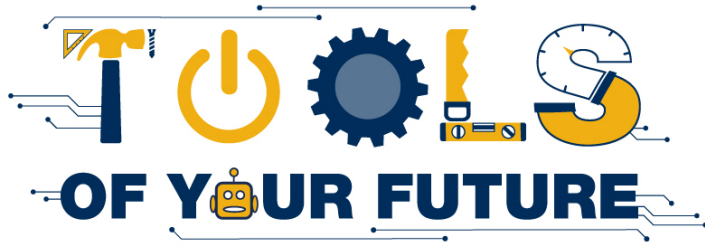


4th and 5th
 2022 Engineering
 Challenge Camp
 “Tools of Your Future”

Monday

Time	Activity	Location	Instructor
12:30-1:00	Drop off / sign in	ESB Atrium & G39	Office Crew
1:00-1:30	Welcome / Camp Rules / Ice breaker	ESB G39 or courtyard	Counselors
1:30-1:40	Intro to Engineering & EDP	ESB 207	Counselors
1:40-2:30	Toxic bean challenge	ESB 207	Counselors
2:30-2:50	Snack time	G39 Hallway	Counselors
2:50-3:15	3D Printing Challenge: Toy Rescue	ESB 207	Counselors
3:15-3:45	Tour Lane Innovation Hub	Lane Innovation Hub (ESB)	Counselors & Innovation Hub Staff
3:45-5:00	Design / build hydraulic tool kit (1st meeting)	ESB 251	Counselors
5:00	Pick-up	ESB Atrium	Office Crew



4th and 5th
 2022 Engineering
 Challenge Camp
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Tuesday

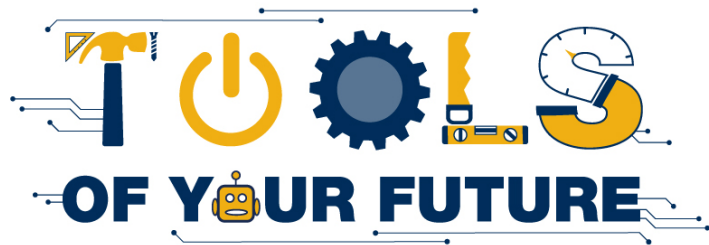
Time	Activity	Location	Instructor
12:30-1:00	Drop off / sign in	ESB Atrium &G39	Office Crew
1:00-1:20	Ice breaker	ESB 207	Counselors
1:20-2:00	Intro to Electrical Engineering: Squishy Circuits	ESB 207	Counselors
2:00-2:45	Little Bits: Sound Waves with Circuits	ESB 251	Counselors
2:45-3:00	Snack break	ESB G19 Hallway	Counselors
3:00-4:00	Computer engineering: MakeyMakey game controller design	AERB 137	Counselors
4:00-5:00	Biomedical Engineering	ESB 251	Taylor Stump
5:00	Pick-up	ESB Atrium	Office Crew



4th and 5th
 2022 Engineering
 Challenge Camp
 “Tools of Your Future”

Wednesday

Time	Activity	Location	Instructor
12:30-1:00	Drop off / sign in	ESB Atrium & G39	Office Crew
1:00-1:20	Ice breaker	ESB 207	Counselors
1:20-2:30	Hiker Rescue Challenge	ESB 207	Counselors
2:30-2:45	Snack break	ESB G19 Hallway	Counselors
2:45-4:00	Aerospace Engineering: design/test thermal protection system	ESB 251	Counselors
4:00-5:00	Work on Hydraulic Tool Box	ESB 211	Counselors
5:00	Pick-up	ESB Atrium	Office Crew



4th and 5th
 2022 Engineering
 Challenge Camp
 “Tools of Your Future”

Thursday

Time	Activity	Location	Instructor
12:30-1:00	Drop off / sign in	ESB Atrium &G39	Office Crew
1:00-1:10	Ice breaker	ESB 251	Counselors
1:10-1:45	Telephone teamwork	ESB 251	Counselors
1:45-2:30	Marble run / unplugged coding introduction	ESB 251	Counselors
2:30-2:45	Snack break	G39 Hallway	Counselors
2:45-3:30	Introduction to Spheros: block coding basics	ESB 207	Counselors
3:30-4:20	Sphero challenge	ESB 207	Counselors
4:30-5:00	Sphero bocce ball	ESB 207	Counselors
5:00	Pick-up	ESB Atrium	Office Crew



4th and 5th
 2022 Engineering
 Challenge Camp
 “Tools of Your Future”

Friday

Time	Activity	Location	Instructor
12:30-1:00	Drop off / sign in	ESB Atrium	Office Crew
1:00-1:10	Ice breaker	ESB 207	Counselors
1:10-2:10	Microsurgery	ESB 207	Counselors
2:10-2:45	Pipeline Challenge	ESB 211	Counselors
2:45-3:10	Snack time	G39 Hallway	Counselors
3:10-4:00	Flotation Device Challenge	ESB 251	Counselors
4:00-4:45	Zip Line Challenge	ESB 211	Counselors
4:45-5:00	Wrap up Toy Rescue / engineering certification	ESB 211	Counselors
5:00	Pick-up	ESB Atrium	Office Crew