TRUCK TOWN THUNDER TRAINING GUIDE

2016-2017

Insert Name

BASIC TRAINING CHECKLIST

✔	Training Session	Mentor Initials
	Shop Safety	
	Hand Tools 1	
	Welding	
	Fasteners	
	Hand Drills	
	Sheet Metal/Plastic	
	Power Tools 1	
	Documentation	
	Controls 1	
	Programming 1	
	CAD 1	
	Game Analysis 1 (Define Objectives/Scoring)	
	Game Analysis 2 (Cost/Benefit)	
	Game Analysis 3 (Prioritization of Tasks)	
	Object Manipulation	
	DC Motors, Torque, Speed & Power	
	Drivetrain Design	
	Lift Mechanisms	
	Electrical 1	
	Leadership 1	

AMBASSADOR CHECKLIST

✔	Training Session	Mentor Initials
	Basic Training	
	Mototool/Dremel	
	Hand Tools 3	
	Electrical 2	
	Shop Safety	
	T3 History	
	Leadership 3	
	Awards Sub-Team	
	Programming 1	
	Controls 2	
	COTS	

CHASSIS / MANIPULATOR CHECKLIST

✔	Training Session	Mentor Initials
	Basic Training	
	Power Tools 2	
	Leadership 3	
	Motors	
	Transmissions	
	Hand Tools 3	
	Belts, Pulleys, Chains	
	Programming 1	
	Controls 2	
	Welding	
	COTS	
	CAD 3	
	Pneumatics	

DRIVER CHECKLIST

✔	Training Session	Mentor Initials
	Basic Training	
	Mototool/Dremel	
	Hand Tools 3	
	Electrical 2	
	Shop Safety	
	T3 History	
	Leadership 3	
	Programming 1	
	Controls 2	

ELECTRICAL LEAD CHECKLIST

✔	Training Session	Mentor Initials
	Basic Training	
	Electrical 3	
	Hand Tools 3	
	Pneumatics	
	Leadership 3	
	Programming 2	
	Controls 2	
	COTS	
	CAD 3	
	Welding	

PIT CREW CHECKLIST

✔	Training Session	Mentor Initials
	Basic Training	
	Mototool/Dremel	
	Hand Tools 3	
	Electrical 2	
	Shop Safety	
	T3 History	
	Controls 2	
	Leadership 3	
	Programming 2	
	Programming 3* (Programming Crew Member)	
	COTS	
	Motors	
	Transmissions	

PROGRAMMING LEAD CHECKLIST

✔	Training Session	Mentor Initials
	Basic Training	
	Electrical 2	
	Hand Tools 2	
	Pneumatics	
	Leadership 3	
	Programming 3	
	Controls 2	
	COTS	