

# Western Winter Blast 2019 - Rockin' the Night Sky

<b>PIT Crew Schedule Thursday</b>					
	Time	Duration	Presented by	Site	Notes
PIT Crew Program Kickoff	9:00 AM	30 mins	PIT Crew Staff	PIT Crew Tent	Overview, meet each other and staff, volunteer, eat donuts, and drinks
Meet Your Safety Gear	9:30 AM	30 mins	Bill Stevenson	PIT Crew Tent	Go over safety gear used during the event
Hands on Pyrotechnic Chemistry	10:00 AM	2 hours	Bill Stevenson	PIT Crew Tent	Learn the chemistry behind fireworks by making sparklers and smoke bombs
Lunch	12:00 PM	1 hour	PIT Crew Staff	PIT Crew Tent	
Display Planning	1:00 PM	1 hour	Dave X and Mills	PIT Crew Tent	Discuss the PIT Crew display we are doing in the Sunday Night Showcase
Prop Building	2:00 PM	2 hours	Dave X and Mills	PIT Crew Tent	Work on assembling set pieces for the Sunday night's display
Class C Fireworks Overview and Safety	4:00 PM	1 hour	Jared Jensen	PIT Crew Tent	Learn about the different consumer fireworks on the market and how to safely light them
Rainbow of Fire	5:30 PM	30 min	Bruce Beck + Safety Crew	Class C PIT Area	Learn about and ignite compositions for producing colored flames
Shoot Display Demos	6:00 PM	1 hour	Dave X + Safety Crew	Class C PIT Area	Practice safely igniting fireworks using fuse and a firing system
Movie: October Sky	8:00 PM	2 hours	PIT Crew Staff	PIT Crew Tent	Watch the true story of Homer Hickam, a coal miner's son who was inspired by the Russian Sputnik launch to take up rocketry—against his father's wishes (Rated PG)
<b>PIT Crew Schedule Friday</b>					
	Time	Duration	Presented by	Site	Notes
Pyro Tooling Overview	9:00 AM	1 hour	Bill Stevenson	PIT Crew Tent	Learn about and get hands on with the various tools used to make fireworks
Build an Inert Shell	10:00 AM	2 hours	Bill Stevenson	PIT Crew Tent	Assemble half of a traditional ball shell using non-flammable fireworks components
Lunch	12:00 PM	1 hour	PIT Crew Staff	PIT Crew Tent	
Fireworks Watercolor Painting	1:00 PM	1 hour	Marion Borst	PIT Crew Tent	Paint a fireworks scene using watercolor paints
Prop Building	2:00 PM	2 hours	Dave X and Mills	PIT Crew Tent	Attach gerbs, strobes, and flames to set pieces. Work with blinky lights for hard hats.
Bunny Blasto	6:15 PM	1 hour	Jackalopes	J-Line	Bunny Blasto, for kids
<b>PIT Crew Schedule Saturday</b>					
	Time	Duration	Presented by	Site	Notes
Pancake Breakfast	8:30 AM	1 hour	Sea Scouts	Hospitality Tent	Eat pancakes cooked by the scouts
A Little Rocket Science	9:30 AM	30 mins	Bill Stevenson	PIT Crew Tent	Learn about rockets and why they fly or fail spectacularly
Build Model Rockets	10:00 AM	1 hour	Caleb Kessinger	PIT Crew Tent	Assemble a model rocket that you can set off at the rocket line
Make Chalk Mines	11:00 AM	1 hour	Gina Papini	PIT Crew Tent	Build a mine that shoots colored dust into the air from a mortar
Lunch	12:00 PM	1 hour	PIT Crew Staff	PIT Crew Tent	
Thermite Demo	1:00 PM	30 mins	Mike Gerson + Safety Crew	TBD	Simulation of a fire burning improperly stored chemicals, using thermite
Smoke Bomb Ignition	1:30 PM	30 mins	Bill Stevenson + Safety Crew	TBD	Light off the smoke bombs you made
Prop Building	2:00 PM	2 hours	Dave X and Mills	PIT Crew Tent	Fuse and e-match cakes and go through how to wire the Cobra firing system modules
Set off Chalk Mines	TBD	30 mins	Gina Papini + Safety Crew	TBD	Paint the sky with the dust mine you built
Model Rocket Launch	5:00 PM	1 hour	Caleb Kessinger + Safety Crew	Rocket Line	Launch the model rocket you assembled, and possibly even retrieve it
<b>PIT Crew Schedule Sunday</b>					
	Time	Duration	Presented by	Site	Notes
Set up begins	10:00 AM	2 hours	Dave X, Mills, and Bill	PIT Crew Tent	Set up for the Sunday Night Member Showcase
Lunch	12:00 PM	1 hour	PIT Crew Staff	PIT Crew Tent	
Finish set up	1:00 PM	2 hours	Dave X, Mills, and Bill	Track	Finish set up for the Sunday Night Member Showcase
Sparkler Ignition	5:30 PM	30 mins	Bill Stevenson + Safety Crew	Class C PIT Area	Light off the sparkers you made
Meet for final pre-show prep	6:00 PM	30 mins	All	Track	Get ready to Rock the Night Sky!
PIT Crew Display	7:30 PM	About 5 mins	All	Track	Kick off the Sunday Night Member Showcase!