



Spartan Robotics Camp

July 15 – 20
8:30 am – 2:30 pm

	TUE	WED	THU	FRI	SAT
8:30	Commuter Registration	Classroom Open			
9:00		Review & Questions	Review & Questions	Review & Questions	Review & Questions
9:45	Introduction to MINDSTORMS NXT, Build Robot 1	Structures, Gearing and Building Tips & Tricks	Designing Robots: Ideas, Modularity and Simplicity	Text-Based Programming: Introduction to NXC	Team Project Work
	BREAK				
11:00	Understanding the Building Elements	Mobile Robots: Build, Program and Test Robot 2	Stationary Robots: Build, Program and Test Robot 4	Remote-Controlled Robots: Build, Program and Test Robot 6	Team Project Work
	LUNCH	LUNCH	EXTENDED LUNCH	LUNCH	LUNCH
12:30	Introduction to NXT-G Programming	Intermediate NXT-G Programming		Basics of Robotic Sumo Competition, Team Project Planning	Team Project Work
	BREAK				
1:30	Modify, Program, and Test Robot 1	Mobile Robots: Build, Program and Test Robot 3	Stationary Robots: Build, Program and Test Robot 5	Team Project Work	Robotic Sumo Competition