



FIRST® LEGO® League Challenge
2021 – 2022 CARGO CONNECT
Workshop/Webinar Schedule & Topics



Saturday, August 28th, 2021 @ 10:00 AM – 11:30 AM

Season Kickoff & Robot Challenge Missions Review (*UNR Innevation Center/Virtual Event*)

Monday, August 30th, 2021 @ 6:00 PM – 6:45 PM

Innovation Project and FIRST Core Values (*pick topic, field trips, report, innovative solution*)

Monday, September 13th, 2021 @ 6:00 PM – 6:45 PM

Programming – Word Blocks Part I (*getting started with Word Blocks, blocks, basic motion*)

Monday, September 27th, 2021 @ 6:00 PM – 6:45 PM

Programming – Word Blocks Part II (*advanced motion, loops/switches*)

Monday, October 11th, 2021 @ 6:00 PM – 6:45 PM

Robot Building Part I (*review hardware & parts, best practices, tip & tricks*)

Saturday, October 23rd, 2021 @ 9–11:30 AM and 12:30 PM – 3:00 PM

Robot-In-A-Day Workshop (*hands-on building and programing with team's EV3 or SPIKE Prime equipment - build your competition ready robot in a day - limited seating*)

Monday, October 25th, 2021 @ 6:00 PM – 6:45 PM

Robot Building Part II (*shielding, sensor placement, attachments, tire selection*)

Saturday, November 6th, 2021 @ 9:00 AM –TBD [Ending Time]

Scrimmages (*venue capacity limits to determine event's schedule*)

Monday, November 8th, 2021 @ 6:00 PM – 6:45 PM

Programming – Word Blocks Part III, Open Q&A and Live Demo (*open forum all topics*)

Monday, November 22nd, 2021 @ 6:00 PM – 6:45 PM

Judging Updates (*review new rubrics, single 30-minute session, awards list, advancement*)

Monday, November 29th, 2021 @ 6:00 PM – 6:45 PM

Preparing for an FLL Tournament (*what to bring, event hub, event venue info*)

Monday, December 6th, 2021 @ 6:00 PM – 6:45 PM

Understanding Remote Qualifiers – How to Use Event Hub (*using software, judging session, and robot game requirements*)

Monday, January 10th, 2022 @ 6:00 PM – 6:45 PM

Open Q&A – All Topics (*open forum for any project, robot build or programming questions*)