

FIRST® Robotics Competition Sample Team Organizational Chart

DESIGN & MECHANICAL SUBTEAM

Design & Mechanical Captain

Drivetrain Lead	Mechanical Lead	Design Lead
Drivetrain Team	Mechanical Team	Design Team

ELECTRICAL & PROGRAMMING SUBTEAM

Electrical & Programming Captain

Programming Lead	Electrical Lead	Scouting Lead
Programming Team	Electrical Team	Scouting Team

BUSINESS, MEDIA & MARKETING SUBTEAM

Business, Media & Marketing Captain

Business Lead	Media Lead	Marketing Lead
Business Team	Media Team	Marketing Team

RESPONSIBILITIES

Lead discussion on drivetrain type	Build and test prototypes of mechanisms	Lead discussion on robot design	Lead discussion on autonomous strategy	Work with Design on control board location and access	Lead discussion on robot strategy	Organize team events and outreach	Take photos/video of competitions and events	Design and print all team flyers, brochures, and judge handouts
Build robot frame according to design specs	Work with Design on robot subsystems (intake, launch/place, etc.)	Maintain CAD software and computers	Work with Design on sensor and camera locations	Wire robot motors and actuators	Program or design Scouting data collection method	Work with existing team sponsors	Maintain team's social media	Design and create team buttons and giveaways
Build and maintain drivetrain gearbox, wheels, motors	Build robot mechanisms	Design overall robot or parts in CAD	Program robot	Maintain robot batteries	Create Match Strategy Sheet	Fundraise and pitch to potential sponsors	Create team videos	Maintain or create team spirit items like shirts and a mascot
Construct two sets of bumpers	Maintain and organize tools	Maintain 3D printers	Maintain Driver Station, computers, and software	Maintain and organize electronics and tools	Maintain Scouting system	Write essays and presentations for FRC Awards, including the Impact Award	Maintain and organize media software and computers	Maintain or create team brand items (shirts, flags, numbers, etc.)