



Project Updates

NRMC

Contact: Jacob.huesman@ndsu.edu

NRMC members have been busy playing with dirt recently. Well kind of... This past Friday, members spend a large portion of the day filling the practice pit with dirt that Michael Holthaus was able to secure for the group! Progress is being made on both the Systems Engineering Paper and the Outreach Paper with both deadlines shortly approaching.

Quadcopter

Contact: Tyler.blanchard@ndsu.edu

Quad has chosen to pursue the [International Aerial Robotics Competition](#) in August 2017 in Atlanta, Georgia. The group is currently looking for people with ROS experience! The Drone Racing League is also on the itinerary for the year. NEAT.

Snowplow

Contact: brady.goenner@ndsu.edu

Although the group was unfortunately unable to attend this year's competition, plans for next year are already underway. Goals for the upcoming year include improving documentation and using GitHub more to track progress and goals. LOVE IT.

Volunteering

Contact: jordyn.t.johnson@ndsu.edu

FRC VOLUNTEERING: Minneapolis is April 5-8th!

Details have been sent out to those volunteering, so if you have any further questions.

SEND ALL OUTSIDE VOLUNTEER HOURS TO JORDYN ASAP as she is totaling up our volunteer hours for the year!

Game Development

Contact: Brandon.witt@ndsu.edu

The group has started working on a 2D game similar to Portal. Grad Computer Science student, Ruben, has also been helping out; check out [the game he is currently working on!](#) Meetings are every Wednesday at 6pm in QBB 106.

ICCC (Learn Code)

Contact: Joseph.cluett@ndsu.edu

All members will need to have CodeBlocks installed on their computers. Rad colored projects are being pumped out like nobody's business. Meetings are every Tuesday at 8pm in Dolve 215. To get updates, join the ICCC GroupMe by contacting Joe!

Miscellaneous/Other:

Any questions? Lost on where to begin or how to do something or even what there is to do? Check out the [Bison Robotics Member Guide!](#) This will be your best non-human friend; I promise you. If you have something that you think should be added to it, email emma.schreifels@ndsu.edu!

"Expect the unexpected."

- *Qalam Nur*

CHECK THIS OUT.

Battle Bots

Contact: Kevin.king@ndsu.edu

Approximately 90% of the machining is done for the robot! Next, members are tackling the assembling of the electrical components. The group is attending a different tournament now in April since the tournament it was previously signed up for was cancelled due to low numbers of participants.

Ri3D

Contact: Tyler.Danielson@ndsu.edu

The 2017 GreenHorns team was composed of 28 college students, most of who were from Bison Robotics. If you would like to check out this year's FIRST Robotics Competition game, go [HERE](#). The YouTube Channel for the GreenHorns is [HERE](#).

AGVR

Contact: karl.klindworth.2@ndsu.edu

Seven of the 8 motors are working. PCB validation is almost complete, and board revisions are under way. The potentiometers and encoders are all working and the robot is completely battery powered. GO TEAM! If you want to attend one of the meetings, contact Karl on GroupMe!

