



Applied Dynamics Initiative

d.b.a. ENIGMA #16265

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TEAM #16265 ENIGMA

2020-2021 ENGINEERING NOTEBOOK

SECTION A



16265 ENGINEERING NOTEBOOK SUMMARY

TEAM INFO | ENIGMA TEAM INFO, BUSINESS PLAN: Sections C, G

This is the engineering notebook of team 16265, Enigma, a team in the FTC program. We have 9 members on our team, eight of which have participated in FTC before. We set high goals for ourselves and achieve our goals as a team, thus we have had a very successful rookie season!

OUTREACH AND RECRUITING | TEAM ACTIVITIES: Section D

Enigma really hopes to grow the FIRST community in New Mexico, especially because we are such a small FIRST state. We plan to accomplish this by reaching out to our community; this year we have taught a 7-week FLL classes, **# outreach events, with # invested team hours and # individual invested hours**. We have also recruited **# engineers to coach/mentor** our team and **# students who are completely new to FIRST!** We have made multiple engineering connections, one of which was the invitation to work on a **ENGINEERING CONNECTION HIGHLIGHT**.

FUNDRAISING | FUNDRAISING & SPONSORSHIP: Section E

We've done a lot of fundraising to pay for the materials to build our robot from scratch. Some things we did were [REDACTED]. We currently have **# sponsors** and have raised over **\$\$\$\$** from sponsorships and fundraising.

TECHNICAL | COMPETITION, ROBOT DESIGN, PROGRAMMING, & ELECTRICAL: Sections F, H, I & J

For our second year as a team, we increased the rigor of our design process. **Summary of design philosophy and process**. Our main requirements for this season were **speed and stability**; we utilized CAD and Math throughout the season to engineer our robot. Currently, we can [REDACTED]. In autonomous we can [REDACTED] **We have gone to [REDACTED] awards!**



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