

## Team Shock'em Meeting Minutes

Time: 4:30pm – 5:00pm

Date: 10/03/2019

Location: CNR 205F

### Attendance

Austin Grieve

Samantha Baran

Xuyue Gu

Ziqing Zhu

Feng Li

Lauren Smith

Peter Baran

Jason Karl

### Topics of Discussion

1. Update from last week's progress
  - a. Found Zeon tube/driver circuit
    - i. Simulation in progress using LTSpice
  - b. Learned about the different types of radios and their advantages/disadvantages
    - i. ZigBee looks to be the best candidate
    - ii. Peter purchased a development board kit from Nanotron
2. Parts were purchased to build Zeon tube power/driver circuit
  - a. Transformers
  - b. High voltage Caps
  - c. High voltage wire
  - d. SCR's
3. Capstone file management should be better kept
  - a. Sort a little better in prep for portfolio

### To Do

1. Finished simulating circuit
2. Work on math to geolocate
3. Reach out to antenna professor
4. Reach out to Zane about Genessee trip
5. Purchase remaining parts