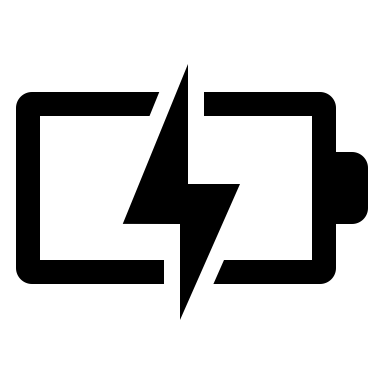
Low Voltage Power 

# Project Description

Design and implement the low voltage power system on the car. The low voltage electronics need power and there are many ways to achieve this. The low voltage system consists of the main board, the dash, brake light, cooling pump, and radiator. The project can be as simple or complicated as needed. The project is a good fit for any skill level from knowing nothing about electricity to senior EE.

# Skills

*Wire management*

*Packaging*

*Attention to detail*

*Working with other groups*

*Maybe: PCB design, transient protection, DC/DC converters*

# Project Lead and contact

Colin Grund

[cgrund@uvm.edu](mailto:cgrund@uvm.edu) or on teams

# Constraints

Light as possible, well documented, 12V

# Applicable Rules

EV4.1

# Budget

small