

Student Projects

Physics

- Radio Jove and Meteor Studies
- High Altitude Balloon - [Blog](#)
- Wind Turbine - [Blog](#)
- Rocket Team
- Seismometer - [Blog](#)
- Trigonacci
- Studies in Quantum Mechanics
- Binary Stellar Evolution
- Markov Chain Monte Carlo

Engineering

- Electric Vehicle Conversions - [Blog](#)
- Ground Station - [Blog](#)
- Pedal Charger
- Robotics Team - [Blog](#)
- 3D HyperCube Printer

Biology

- Solar Concentrator - [Blog](#)
- Algae Biodiesel
- Wildlife Survey
- Hydroponics - [Blog](#)
- Block House - [Blog](#)
- Microbiology Studies
- EEG Study

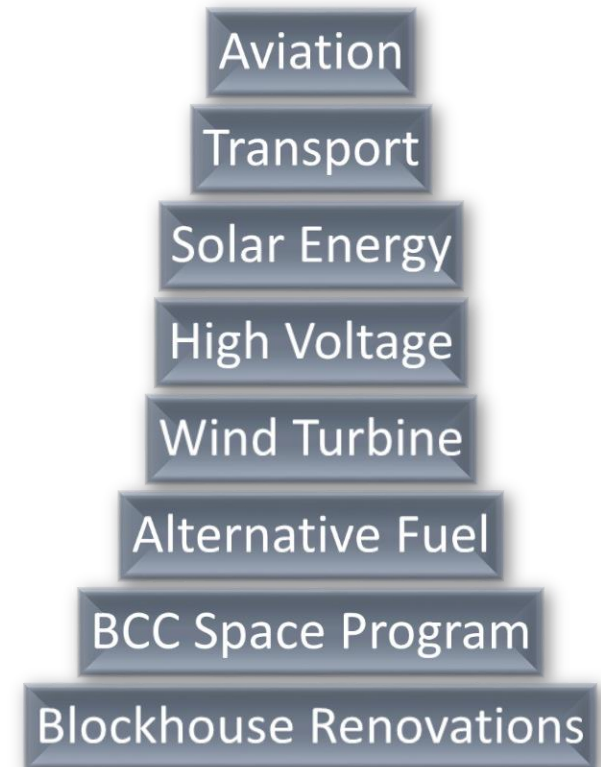
Chemistry

- Computational Chemistry - [Blog](#)
- Water Chemistry
- Poison Ivy Detection Cream
- Organic Photocell vs. Bio Cell

Computer Science

- UV-4 UAV - [Blog](#)
- Raspberry Pi Computer Cluster
- Unmanned Aerial Vehicle - [Blog](#)

Research Areas



Note:

Not all projects are projects of the Engineering "Make" Projects Committee of the STEM Student Union and may involve and be led by other organizations. Funding for projects does not necessarily come from the STEM Student Union.