

Green Tech

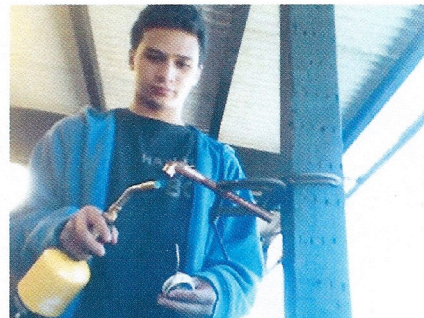
JORDAN
SALOMON



Green Technology is a class full of opportunity and ingenuity. Class projects range from monitoring the electricity consumption in the Faculty Housing to individual projects that will help make for a sustainable environment. The students of Green Tech learn skill sets such as soldering, welding, advanced computer skills, carpentry, and using surveillance and monitoring

systems. Students are the teachers in Green Technology, with Dr. Bill as the overseer. Each student learns a skill and teaches a classmate their skill. Along with their iWebs this team will continue to spread their knowledge to future students at HPA. All of the skills they learn are essential to running the new Energy Lab. Life has given me an opportunity to be part of

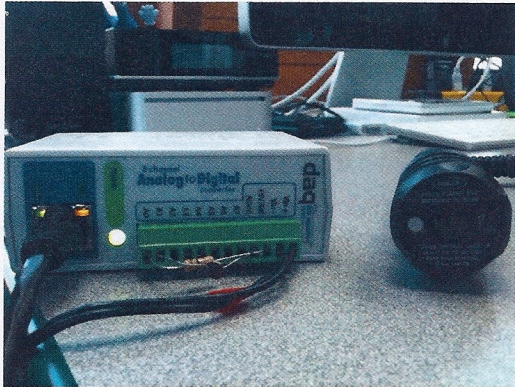
something that will change the future. This class has taught me things that I probably never would've learned. Not only does Green Technology taught me these skills, I am able to perfect them everyday in this class. I am happy to be a part of a team that will make HPA, the community of Waimea, the state, and the rest of the world a better place.





Second Semester

Second semester started off with an introduction to the energy lab. After that Ammar and I put together a generator. Then I helped put together a windmill with the entire class. The windmill is now at the terraces. The entire class then helped with the moving days where we moved everything from the 40s buildings to the Energy Lab. My lasers for my end of the year project came in about midway through third quarter. We then learned a lot about how to use voltmeters, how to measure ohms and power usage in watts. ended quarter with labeling every



device plugged into an outlet with its energy usage in watts. Following third quarter we started our final projects. My main project was to create a VOG monitor using laser beams, a front surface mirror, and a photovoltaic cell. The data collected would be put on the elab server where it could be viewed and analyzed. This took some time so in the meantime I built a workbench downstairs using the left over T-N-G from the roof. After that I made a couple of shelves in the upstairs closet.