

2099 - Autonomous Platfor...

Key Dates

- OHS/RMSS Lecture
- Initiation Survey
- Library Workshop
- IP Deed Poll
- Mid-Semester Break
- SWOTVAC
- Exams semester 1
- Mid-Year Break

Platform

- Benchmarking/literature review of pl...
- Specifications
- Concept designs and evaluation
- Choose platform

Platform evaluation and testing

- Get platform
- Brakes
- Steering
- Gears
- Acceleration
- System testing
- Full system working

Physical landmine marking

- Concept designs and evaluation
- Detailed design
- Manufacture
- Testing

Subsystem integration

Live video feed

- Decide on camera and purchase
- Buy camera
- Install Camera
- Software for live feed
- Live feed on tablet

Testing of integrated systems

- Initial system testing
- Field testing
- Testing complete

Sensor system

Literature review on landmine de...

- Metal detectors
- Ground penetrating radar (GPR)
- Other

Evaluation of sensors provided b...

Metal detector array (MDA)

- Get sensor
- Operating procedure





