

Job Description

Electronics Engineer

1-2 Yrs

General Aeronautics specializes in Drone / Unmanned Aerial Vehicle (UAV) development & deployment for agriculture, medical and defence use cases. General Aeronautics was established to address aircraft design in all its aspects from a comprehensive system-level perspective. The General Aeronautics team is comprised of highly experienced members with many decades of expertise in industry and R&D organizations internationally.

General Aeronautics is looking for an Electronics Engineer responsible for designing and improving production of UAVs. You'll leverage your electronics and electrical expertise to design the best product and support the team to speed up the production line. You will be working along-side other engineers and developers working on different layers of the infrastructure. Commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

Responsibilities

- Design and develop new products according to the requirement
- Supervising the electrical assembly and integration processes, ensuring quality work is done in a safe, efficient manner.
- Identify electrical assembly and integration needs for new products in development
- Generating production documentation such as electrical architecture, electrical assembly instructions etc.
- Liaising with other engineers to develop plans that improve production, costs, and labor required
- Lead and/or support technicians and trainee engineers & train people within own work group
- Troubleshooting issues during new product design and post-production
- Carry out FMEA (Failure Mode Effects Analysis) process documentation and implement improvements
- Testing of new COTS items

Skills

- Knowledge about Schematic design and PCB design
- Knowledge about FMEA
- Basic knowledge in embedded programming or other programming language
- Strong problem-solving skills and logical approach
- Basic knowledge about electronics
- Strong documentation and writing skills.

Education

- B Tech / M Tech in Electronics or Electrical Engineering or a related subject
- Proven experience in electronics design and development

Contact : jobs@generalaeronautics.com