

The SYNBONE-Group is an innovative & fast-growing company in the field of surgical education, providing advanced anatomical models and simulators for education and surgical procedures. Our customers represent medical device manufacturers, education institutes, universities, and hospitals in over 80 countries.

Are you a technically skilled engineer with a strong background in product development and process optimization? We are seeking a Product Engineer to drive design improvements, manage technical documentation, and support manufacturing excellence. If you are detail-oriented, experienced in CAD and engineering analysis, and thrive in a fast-paced production environment, we want to hear from you!

Product Engineer (Malaysia - Kulai, Johor)

Job Description

- To develop products, mold, jig/fixtures based on requirements defined.
- To manage products development schedule and follow up.
- To improve current products, mold & jig/fixtures based on latest findings.
- To support Production on all technical and products related tasks, also sample builds, sample qualification.

Job Responsibilities

- Manage projects, design and develop new task trainers, skill stations, bone models and accessories for surgical training with 3D software tools.
- Contact with technicians and engineers to ensure that the products meet the requirements.
- Contribute and advance your own design ideas to realize outstanding products.
- Close cooperation with product management team, customer services and production.
- Product design, development and visualization using multiple state of the art 3D tools software/scanner/printer.
- Be involved in project meetings and project requirement definitions, also take over project lead.
- Manage projects from initial phase until transfer to production and rollout incl. project controlling.
- Coordinate tasks to produce prototypes, small series, custom-made models
- Document projects and transfer to production with BOM, instructions for assembling and quality control.
- Investigate and manage suppliers and partners where needed.

Job Requirements

- Master or Bachelor of Mechanical/System Engineering or similar relevant fields of study
- 3+ years of experience in Product Development/Management.
- 3+ years of experience with 3D design software, reverse engineering tools, e.g., Geomagic Freeform/Wrap, Design X, UG, Autodesk Inventor, Rhinoceros, SolidWorks.
- Technical affinity and creative for innovative solutions, analytical thinking, open-minded, hands-on.
- Willing to travel for training or job purposes if required.
- Good command of spoken and written Bahasa Malaysia & English.
- Experience in engineering of production moulds in the field of polyurethane and using 3D scanners and 3D printers as FDM and SLA & SLS is added advantage.

Benefits & Others

- Internal and/or external trainings for further development.
- Work in an international environment.
- Assured fair performance-based remuneration, based on the grade of work and responsibility.

Application

Please email your covering letter and CV to jaymes.pang@synbone.com.

For further information please do not hesitate to contact Mr. Jaymes Pang at +60 7660 8220 (Ext. 311).