
Position Title:	Product Development Engineer	Date:	6/15/2015
FLSA:	Exempt		

COMPANY OVERVIEW:

Vention Medical is a full-service provider of medical device design, product development, and manufacturing services. We help medical device companies bring innovative products to market quickly and cost-effectively.

POSITION SUMMARY:

Participates as a team member in the product development process from concept through market introduction on a contract basis for client companies.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Develops new concepts from initial design to market release.
- Investigates and evaluates existing technology.
- Designs and implements new methodologies, materials, machines, processes or products to bring concept to market, including essential product and process documentation.
- Conducts feasibility studies of the design to determine ability to function as intended.
- Maintains detailed documentation throughout all phases of research and development.
- Prepare project plans that specify project phases, tasks, task interdependencies, durations, resource assignments, and costs.
- Conduct risk analysis for products under development.
- Coordinates activities with outside suppliers and consultants to ensure the delivery of supplies or services needed to meet scheduled timelines.
- Any other duties as assigned.

REQUIRED EDUCATION, EXPERIENCE, SKILLS AND KNOWLEDGE:

- Bachelor's degree in Mechanical or Biomedical Engineering is desired.
- Medical device product design and development experience is preferred.
- Demonstrated ability to bring products from concept to market.
- Ability to interact with client companies in a professional manner.
- SolidWorks 3D CAD proficiency.
- Familiarity with FDA QSR and ISO 13,485 medical device regulations.
- Knowledge of probability and statistics.
- Efficiency in the management of resources.
- Customer focus with excellent communication skills, written and oral.

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- Depth of knowledge in one or more clinical areas.
- Depth of knowledge in one or more product areas.
- Depth of knowledge in one or more technical areas, for example finite element analysis.
- Flexibility, persistence, resourcefulness, a drive to succeed, and an entrepreneurial spirit.

The above statements are intended to describe the general nature and level of work being performed by people assigned to do this job. The above is not intended to be an exhaustive list of all responsibilities and duties required.

External and internal applicants, as well as position incumbents who become disabled as defined under the **Americans with Disabilities Act** must be able to perform the essential job functions (as listed) either unaided or with the assistance of a reasonable accommodation to be determined by management on a case by case basis.