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A biomedical engineer analyzes and designs solutions to problems in biology and medicine, with the goal of improving the quality and effectiveness of patient care. There is an increasing demand for biomedical engineers, due largely because of the general shift towards the everyday use of machinery and technology in all aspects of life.

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Biomedical Engineering, also referred to as Bioengineering, BioMed or BME, is a multidisciplinary STEM field that combines biology and

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Major roles of clinical engineers include training and supervising biomedical equipment technicians (BMETs), selecting technological products/services and logistically managing their implementation, working with governmental regulators on inspections/audits, and serving as technological consultants for other hospital staff (e.g. physicians, administrators, I.T., etc.).

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