

Job Summary

Medical Instrument Technician GS-649

Job summary This occupational series covers positions that perform diagnostic examinations or medical treatment procedures as part of the diagnostic or treatment plan for patients. The work involves operating or monitoring diagnostic and therapeutic medical instruments and equipment associated with cardiac catheterization, pulmonary examinations and evaluations, heart bypass surgery, electrocardiography, electroencephalography, hemodialysis, and ultrasonography. Positions in this series require knowledge of the capabilities and operating characteristics of one or more kinds of instruments and a practical knowledge of human anatomy and physiology. Positions also require a practical understanding of medical data generated by patient and equipment connections. Some positions also require a practical knowledge of chemistry, pharmacology, physics, and mathematics.

Education: Depends on which level: entry or GS3, GS4 or GS5

Entry level requires experience in operating, supervising the operation of, or instructing in the operation of equipment related to the particular specialization for which you apply. Experience gained in operation of equipment in a specialization directly related to the specialization may be credited through the GS-5 level; **OR**

For the GS-3 level: Successful completion of (a) an approved program in practical nursing or in operating room or surgical technician work of at least 9 months in length, or (b) 1 year of study with at least 6 semester hours in any combination of scientific subjects such as biology, anatomy, physiology, chemistry, medical technology, or physics.

For the GS-4 level: Successful completion of 2 years of study that included at least 12 semester hours in any combination of subjects such as those described for the GS-3 level. At least 5 of the 12 semester hours of the courses must have been directly related to the specialization of the position.

For the GS-5 level: Successful completion of a full 4-year course of study leading to a bachelor's degree in a major field of study appropriate to the specialization of the position, or that included at least 24 semester hours in courses such as those listed for the GS-3 level. Of the 24 semester hours, at least 12 must have been in a field directly related to the specialization of the position.

Licenses or Certificates- None

Source: Office of Personnel Management (opm.gov)