

## STUDENT BIOMEDICAL TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: Under the supervision of a Biomedical Engineer or Biomedical Technician, incumbents of this class are given assignments in Biomedical Engineering at incremental levels of difficulty and complexity as they gain proficiency in the various functions. This position enables college students currently enrolled in an approved university program to receive technical training, be evaluated for proficiency levels, develop areas in which proficiencies are lacking or weak, and continue to gain practical experience as part of their curriculum. Supervision is not a responsibility of this class. Does related work as required.

### EXAMPLES OF WORK: (Illustrative Only)

Participates in on-the-job training as part of an internship while enrolled in a university program which includes the performance of the following duties under professional supervision:

Assists in the set up, calibration, and inspection needed for the safe and effective operation of medical devices used for clinical procedures;

Sets up necessary biomedical equipment, as directed, for clinical use, and performs the necessary tasks of recording physiological and other required data, and procedures;

Sets up experiments to evaluate various medical devices for potential use at WCMC;

Documents all test results and performs necessary statistical data analysis to determine validity of claim in specifications, and appropriateness of use under WCMC clinical conditions;

Completes all assignments required within expertise of the intern.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Ability to learn the operation of biomedical equipment and instrumentation and all operational aspects as it relates to the treatment of patients; ability to learn the cause of operational malfunctions of biomedical equipment and make necessary repairs; ability to communicate effectively and work well with others; ability to carry out instructions; initiative; sound judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Current enrollment in an approved college or university\* with major course work in Engineering.

\*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.

West. Co.  
J.C.: Non-Competitive†  
WPP1

Job Class Code: H0127  
Job Group: Flat Rate