

ADAPTIVE EQUIPMENT SPECIALIST
(BOCES # 1 & BOCES # 2)

DISTINGUISHING FEATURES OF THE CLASS: Under the direction of the Special Education program supervisor, the incumbent designs and fabricates original adaptive equipment and/or adapts commercially available equipment in order to give multi-handicapped students access to educational technology, primarily in the area of computers including both hardware and software. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Visits classrooms and evaluates student's educational equipment needs; works directly with students and teachers to assess needs;

Designs methods to facilitate use of computers, adaptive peripherals and software by the handicapped, to meet specific educational purpose in classroom settings;

Adapts commercially obtained orthopedic and educational equipment;

Constructs newly designed adaptive equipment from appropriate materials based on recommendations of the teams;

Designs models for graphic symbol systems to be used in Augmentative Communication systems, and adapts existent graphic symbols for Augmentative Communication;

Designs and produces manuals, handbook, and newsletters;

Presents in demonstrations to BOCES staff/others, uses of Advanced Technology in Special Education;

Meets with, demonstrates, and advises classroom staff regarding educational strategies of Technology;

Acts as a resource for speech and language pathologists in their efforts to design picture communication systems;

Makes recommendations for the ordering of equipment, materials and supplies;

Evaluates product effectiveness cooperatively with interdisciplinary team composed of teacher, physical and/or occupational therapists;

Refines the design and construction of products;

Acts as a resource to the interdisciplinary team for the development of assistive technology;

Uses computer applications such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments.

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REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of adaptive/assistive technology; good knowledge of educational software; good knowledge of desktop publishing systems; knowledge of personal computer hardware; ability to design and/or adapt educational equipment to meet educational goals; ability to train both teachers and students in the use of adaptive/assistive technology; ability to communicate effectively both orally and in writing; ability to read, write, understand, and communicate in English sufficiently to perform the essential functions of the position; ability to effectively use computer applications such as spreadsheets, word processing, calendar, e-mail and database software resourcefulness; creativity; tact; physical condition commensurate with the duties of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Possession of a Bachelor's Degree* in either Education, Computer Science, Human Services or Liberal Arts and two (2) years experience which involved the design and/or fabrication of adaptive/assistive technology, one (1) year of which must have been in an educational or rehabilitative setting.

SUBSTITUTION: Satisfactory completion of a Master's Degree* in either Education, Computer Science, Human Services or Liberal Arts at a recognized college or university may be substituted for one (1) year of the general experience described above. There is no substitution for the one (1) year of experience described above in an educational or rehabilitative setting.

NOTE: Unless otherwise noted, only experience gained after attaining the minimum education level indicated in the minimum qualifications will be considered in evaluating experience.

***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 Department of Education as a post-secondary, degree-granting institution.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS:
In accordance with the Safe Schools Against Violence in Education (SAVE) legislation, Chapter 180 of the Laws of 2000, and by the Regulations of the Commissioner of Education, candidates for appointment in school districts must obtain clearance for employment from the State Education Department prior to employment based upon a fingerprint and criminal history background check.

BOCES # 1 & BOCES # 2
J. C.: Non-Competitive

Job Class Code: S091