

MANAGER OF e-LEARNING TECHNOLOGIES

Code No. 4-18-533
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This position is responsible for managing e-Learning technologies for a school district. E-Learning relates to video streaming and conferencing and is used to enhance student learning as well as staff development in the school district. This position is responsible for the development of online applications and the research of desktop/web-based and hardware based videoconference solutions to allow the delivery of media by video streaming and videoconferencing for use in class rooms and board rooms. Work further involves installing, troubleshooting, customizing, developing and maintaining media content/applications. The employee reports directly to and works under the general supervision of the Director of e-Learning Services. General supervision may be exercised over a technical staff. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed)

Supervises the daily operations of the technical aspects for media and live interactive services such as installation or upgrade projects, and troubleshooting tasks;

Maintains the operation, regular upgrades and troubleshooting of the hardware and software of the videoconference and media systems;

Ensures that decisions made in collaboration with the director are carried out according to design and support for streaming, webinar, and digital content systems;

Maintains current and future systems which provide both live videoconference interactions and streaming of media open source. (Open source options provide the code for use within the development community established around a particular application);

Researches and develops online applications, which allow for the delivery of digital content or videoconferencing, streaming, and desktop/web-based video conference solutions.

Customizes online systems through installation and rewriting of coding modules;

Consults with districts on media and live interactive technologies;

Installs video production and streaming systems, which allow for video production, streaming and video sharing within districts and BOCES;

Designs and implements of multimedia driven class rooms or board rooms with specific multimedia or videoconference capabilities;

Monitors the servers which run the media and videoconferencing systems

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Thorough knowledge of on line applications, streaming and desktop/web-based videoconference solutions; thorough knowledge of open source options; ability to research, consult, develop, maintain, administer, customize,

design and support videoconference and media systems for use in board rooms and class rooms; ability to supervise installation and upgrade projects; ability to perform troubleshooting tasks; organizational ability; ability to establish and maintain good working relationships; ability to communicate effectively orally and in writing; good judgment; tact; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma plus EITHER:

- (A) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in Computer Science, Computer Technology, or Management Information Systems, or a closely related field, plus two (2) years paid full-time or its part-time equivalent experience responsible for the maintenance, configuration or installation of centralized/server-based videoconferencing or media distribution systems, which must have been in a lead role capacity*; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in Computer Science, Computer Technology, or Management Information Systems, or a closely related field, plus four (4) years of experience as described in (A) above, two (2) years of which must have been in a lead role capacity*; OR
- (C) Six (6) years paid full-time or its part-time equivalent experience as described in the limits of (A) and (B) above, two (2) years of which must have been in a lead role capacity*; OR,
- (D) Any equivalent combination of education and experience as defined by the limits of (A), (B) and (C) above.

*Lead role capacity for the purpose of these minimum qualifications, is defined as someone who participates in and oversees projects, or directs and coordinates the work of others.

ADOPTED: March 4, 2010

ADDITIONAL INFORMATION: Depending on assignment, candidates for employment with Monroe County government are required to pass a pre-employment drug test.