

# Emerging Technology Specialist

## Position Details

Class Code: 1572

Job Family: Information Systems

Classification: Support Professional

Terms of Employment: [Pay Grade 58 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under general supervision, analyzes, evaluates, installs, implements, integrates, maintains, operates, supports, and troubleshoots complex emerging educational technologies such as Artificial Intelligence, Robotics, Drones, etc., within learning environments, requiring advanced technical skills, knowledge of implementation, and programming.

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## Essential Duties and Responsibilities

The list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Proactively researches and evaluates cutting-edge educational technologies with a focus on their potential impact on learning.
2. Conducts rigorous research and analysis to assess the suitability and impact of emerging technologies on specific learning objectives and student needs.
3. Develops and evaluates pilot programs and pilot data to assess effectiveness and identify areas for improvement.
4. Collaborates with educators, instructional stakeholders, and administrators to develop strategies for integrating emerging technologies into learning environments.
5. Facilitates the pilot implementation of new technologies, providing technical support and troubleshooting guidance.
6. Develops and facilitates training programs for staff and students, delivered by licensed professionals, on the effective use of new technologies.

7. Develops and maintains documentation and best practices for using emerging technologies in the classroom.
  8. Collects and analyzes data on the impact of emerging technologies on student learning, engagement, equity, and business productivity.
  9. Prepares reports and presentations to communicate findings and advocate for the effective use of emerging technologies to stakeholders.
  10. Partners with external organizations and subject matter experts to stay informed about industry best practices and trends in educational technology.
  11. Maintains a strong understanding of relevant hardware, software, and infrastructure requirements for implementing emerging technologies.
  12. Collaborates with IT staff to ensure network and security protocols are met.
  13. Troubleshoots technical issues and provide basic support to educators and students using emerging technologies.
  14. Supports audio, visual, and streaming media experiences for public audiences, troubleshooting technical issues and maintaining equipment for optimal performance.
  15. Conducts workshops and training sessions for educators on the use of emerging technologies.
  16. Conforms to safety standards, as prescribed.
  17. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Researches novel education technologies integration into existing ecosystems, and analyzes its impact to empower educators and learners.

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## **Knowledge, Skills, and Abilities (Position Expectations)**

1. Knowledge of current and emerging educational technologies.
2. Knowledge of the integration of hardware and software within complex learning environments.
3. Knowledge of advanced troubleshooting skills specific to educational technology implementation.
4. Knowledge of data analysis and interpretation.
5. Knowledge of ethical considerations, accessibility, and data privacy associated with emerging technologies.
6. Ability to diagnose and resolve complex educational technology issues.
7. Ability to explain complex technological concepts to diverse audiences.

8. Ability to develop and deliver engaging training sessions on educational technologies.
  9. Ability to continuously learn and stay current with evolving educational technology trends.
  10. Ability to identify and analyze the potential impact of emerging technologies on education.
  11. Ability to create, edit, and maintain technical documentation.
  12. Ability to make technical presentations.
  13. Ability to recognize and report hazards and apply safe work methods.
  14. Possess physical and mental stamina commensurate with the responsibilities of the position.
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## **Position Requirements**

### **Education, Training, and Experience**

1. High school graduation or other equivalent (General Educational Development [GED], foreign equivalency, etc.).
2. Two (2) years' work experience in an Information Technology (IT)-related technical support field, plus four (4) additional years' progressively-detailed experience supporting client computing, software applications, and novel technologies; or, Associate degree (or two [2] years of college) from an accredited college/university in Information Technology (IT)-related field(s), such as Management Information Systems (MIS), Computer Science (CS), Electrical Engineering, etc., and four (4) years' experience as described above.

### **Licenses and Certifications**

1. A valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada. License must be maintained for the duration of assignment.
2. Current driving history (dated within six [6] months from the date printed) issued by the Department of Motor Vehicles (DMV) at time of application or Qualified Selection Pool (QSP) placement and at time of interview prior to final selection.
3. Safe driving record. Safe driving record must be maintained for the duration of the assignment.

## Preferred Qualifications

1. Experience in Artificial Intelligence, Robotics design and development.
  2. Experience leading large/complex client computing projects and/or supervising teams performing related work.
  3. Experience in modern programming languages.
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## Document(s) Required at Time of Application

1. High school transcript or other equivalent (GED, foreign equivalency, etc.).
  2. College transcript(s) from an accredited college or university, if applicable.
  3. Copy of a valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada.
  4. Copy of current driving history (dated within six [6] months from the date printed) issued by the DMV.
  5. Safe driving record.
  6. Specific documented evidence of training and experience to satisfy qualifications.
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## Examples of Assigned Work Areas

Clark County School District (CCSD) Technology and Information Systems Services (TISS) Division, air-conditioned/non-air-conditioned school equipment rooms, and travel to/from schools and other CCSD office settings.

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## Work Environment

### Strength

Sedentary/medium – exert force of 20-50 lbs., occasionally; 10-25 lbs., frequently; up to 10 lbs., constantly.

### Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, crouching, reaching, handling, and repetitive fine motor activities. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Vision:

Frequent near acuity, occasional far acuity, and color vision. Vision to read printed and online materials, Video Display Terminal screens, or other monitoring devices.

## **Environmental Conditions**

Climate-controlled office settings with temperatures ranging from mild to moderate cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

## **Hazards**

Furniture, office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment). Field work may involve access to Alternating Current (AC) and Direct Current (DC) electrical circuits, sharp edges, ladders, and cramped spaces.

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## **Examples of Equipment/Supplies Used to Perform Tasks**

3D printers, educational robots, virtual reality content creation tools, learning management systems, educational software platforms, data analysis software, VR controllers, visual display devices, microphones, webcams, software testing tools, performance monitoring tools, data loggers, safety glasses, hearing protection, ESD wrist straps, and gloves.

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## **AA/EOE Statement**

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

## **Job Revision Information**

- Created: 03/05/25