

Technology Requirements

Candidates enrolled in the Single Subject Credential Program, through coursework and field experiences, will demonstrate their ability to use technology to enhance instruction in the following ways:

Single Subject Credential Program Computer-Based Technology Objectives

Performance Indicators demonstrated through coursework:

- Analyzes best practices and research findings in the use of technology
- Interacts with professor and/or colleagues using email, chat room, discussion board, list serve, or other technology-based distance communication
- Examines current educational technologies and uses established selection criteria to evaluate materials, and productivity and presentation tools
- Demonstrates competence in using electronic research tools
- Demonstrates ability to assess authenticity, reliability, and bias of the data gathered
- Demonstrates knowledge of copyright, privacy, security, and acceptable use issues

Performance Indicators demonstrated through field experiences:

- Uses record keeping software to efficiently record and manage student work
- Uses record keeping software appropriately to determine student grades
- Uses software to communicate with students and/or parents about how grades are determined (email, profile sheets, etc)
- Uses appropriate software and technology to collect and analyze data to improve instructional practice and student learning
- Uses computer-based technology to create interesting, informative, motivating, and developmentally appropriate course materials
- When possible, provides class materials to students and parents on-line
- Creates and delivers at least one lesson that uses technology to support diverse needs of the learners
- Creates and delivers at least one lesson that requires students to use electronic research to solve at least one complex problem
- Creates and delivers at least one lesson that effectively incorporates subject software and/or subject specific websites
- Effectively manages student learning activities in a technology-enhanced environment