

1. The activities offered by your EPP that are designed to prepare teachers to integrate technology effectively into curricula and instruction, including activities consistent with the principles of universal design for learning.

The West College of Education has provided Chromebooks for clinical teachers that are not only practicing in the field, but that are also learning in their general courses. These tools give learners various ways of acquiring information and preparing teachers with knowledge to provide alternatives for demonstrating technology skills and technology integration. With these tools, faculty are demonstrating technology integrated lessons that provoke and motivate our digital learners and are also providing opportunities for candidates to implement Google applications for collecting and analyzing data to produce more in-depth connected projects that demonstrate best practices. Candidates and faculty are provided Google education and educational technology app integration professional development by the Innovation Specialist to remain current on educational trends.

All candidates complete a lesson plan assessment. The criteria related to the technology theme are “Assessment Technology” and “Technology Integration.” The most current data indicated that 92% of candidates were rated as exemplary or competent in technology integration and 89.5% were rated as exemplary or competent in assessment technology.

During their methods courses, all candidates complete a unit plan assessment. There are two technology criteria in this assessment: Technology Integration and Assessment Technology. The most current data indicated that 95% of candidates were rated as exemplary or competent in technology integration and 94% were rated as exemplary or competent in assessment technology.

2. The activities offered by your EPP that are designed to prepare teachers to use technology effectively to collect, manage, and analyze data to improve teaching and learning for the purpose of increasing student academic achievement

Technology was another area of focus for us during the last few years. We have added key assessments related to technology, integrated Google Educator concepts in our curriculum, and hired an innovation specialist to help our candidates and faculty integrate technology. In 2016-2017 we were at 81% satisfaction for technology integration compared to the state average of 85% and we scored 80% for using technology with data compared to 82% statewide. The most recent results for 2017-2018 reported that our EPP scored 100% satisfaction from principals for technology

integration compared to 90% statewide and 98% satisfaction for use of technology with data compared to an 89% state average.

All Candidates are required to participate in an advanced technology Integration course that is aligned to the ISTE standards for Educators before leaving the education program. This course prepares undergraduate students to use suites of digital media and communication tools that support the development of technological pedagogical content knowledge. Students will develop learning experiences that incorporate new technologies that are developed in collaboration with methods courses instructors, or other instructors.

The candidates must demonstrate a basic level of technological pedagogical content knowledge through creating student-centered, technology-rich lessons, assessments, and parent communication (CAEP Standard 1). Design, implement, create and participate in digital learning and teaching experiences in the classroom and for professional development (CAEP Standard 2). Demonstrate knowledge and can model through their teaching content decisions the legal and ethical implications of digital citizenship. Candidates also complete this course with being both level 1 and level 2 Google Certified.

Through all courses candidates are provided specific technology integration tools (Chromebooks, iPad, and educational apps) and provided instructional goals and opportunities to display learning that deepen implementing practices in the classroom. Candidates are exposed to learning techniques and provided instruction on how to build inclusive technology environments that can be used by a variety of learners. During the field experience portion of their program, candidates are given the opportunity to put into practice collecting, managing, and implementing technology applications that allow them to synthesize data and form best practices.

Technology use is evaluated during clinical teaching using the Clinical Teaching Evaluation form. Technology emerged as an area of strength across all programs, with 95% of all candidates scoring at the proficient or accomplished levels on the technology-related criteria.