# Academic Assessment Plan Results
## (M.Ed. Educational Technology)
## (May 2020)

**Assessment of Student Learning Outcomes**

Assessment of learning outcomes for the Educational Technology Master of Education occurs annually using a cumulating ePortfolio with measures directly aligned to the Association for Educational Communications and Technology National Standards (AECT, 2012). Scores from the Fall 2019 and Spring 2020 cycles were gathered in May 2020 by the Program Coordinator (see Table 1).

The assessment consists of having students develop a cumulative ePortfolio website with additional executive summaries, self-reflections and an evidence of standards documents addressing alignment of web-based artifacts to specific AECT standards. Each standard was evaluated using a "Meets Standard" (2 points); "Needs Revision" (1 point) and "Missing" (0 points) rubric scale. One revision is allowed on the ePortfolio. The scores listed in the data tables are first submission scores, as the focus was to access student achievement before specific feedback was provided by program faculty. Mean scores that were below 85% (1.7 on 2-point scale) serve as guidelines for potential revisions to the curriculum for the 2020-2021 cycle.

Results indicated that students performed at or above acceptable levels on the ePortfolio assessment. Seventeen students successfully passed the requirement (100% pass rate). **Students were allowed to submit one revision of the portfolio to address deficiencies**. **Scores listed in Table 1 are first submission scores**. Table 1 lists the average scores for 2019-2020.

**Table 1. Mean ePortfolio Scores for the ETEC Master of Education Program-Summer 2019-Spring 2020**

| AECT Standard | Fall 2019 | Spring 2020 | Mean |
|---|---|---|---|
| **Standard 1: Content Knowledge**- Candidates demonstrate the knowledge necessary to create, use, assess, and manage theoretical and practical applications of educational technologies and processes. | 1.7 (85%) | 2.0 (100%) | 1.85 (92.5%) |
| **Standard 2: Content Pedagogy**-Candidates develop as reflective practitioners able to demonstrate effective implementation of educational technologies and processes based on contemporary content and pedagogy. | 1.7 (85%) | 2.0 (100%) | 1.85 (92.5%) |
| **Standard 3: Learning Environments**- Candidates facilitate learning by creating, using, evaluating, and managing effective learning environments. | 1.6 (80%) | 1.8 (90%) | 1.7 (85%) |
| **Standard 4: Professional Knowledge and Skills**- Candidates design, develop, implement, and evaluate technology-rich learning environments within a supportive community of practice. | 1.7 (85%) | 1.8 (90%) | 1.75 (87.5%) |
| **Standard 5: Research**- Candidates explore, evaluate, synthesize, and apply methods of inquiry to enhance learning and improve performance | 1.7 (85%) | 1.8 (90%) | 1.75 (87.5%) |

*Indicates initial scores on the first submission. Students are allowed one revision of the portfolio after faculty feedback. Pass rate for 2019-2020 for students was 100%.

**Changes to the degree/program made or planned on the basis of the assessment and analysis**

Based on results from the 2018-2019 cycle we made significant changes to the ePortfolio and our evaluation system. We have also made several program changes consisting of course title changes, reducing the credits to 30 from 34, reformatting courses and content which will begin Fall 2020 as a result of a market analysis from Global Campus focused on program recruiting. As we implement these changes, we will re-examine the ePortfolio process to identify potential learning gaps that may result. Also, we will begin to look at longitudinal data since the assessment data includes approximately 15-20 students pre year depending upon the enrollment in the ePortfolio assessment.

The Arkansas Department of Education recently approved an additional area of certification for K-12 Online Teaching. We are in the process of evaluating demand for this teacher credentialing area to determine if it would be a viable option to add to our Graduate Certificate in K-12 Online Teaching.

**Changes to the assessment process made or planned**

Based on these results we do not plan any changes to the assessment process for the next cycle as we have made multiple program changes and will be looking at their effectiveness during the coming year.