

AC 2019 – 2020 Assessment

M.Ed. Early Childhood Education (547)

Division or Department: School of Education

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Northwestern Mission. Northwestern State University is a responsive, student-oriented institution committed to acquiring, creating, and disseminating knowledge through innovative teaching, research, and service. With its certificate, undergraduate, and graduate programs, Northwestern State University prepares its increasingly diverse student population to contribute to an inclusive global community with a steadfast dedication to improving our region, state, and nation.

Gallaspy College of Education and Human Development Mission. The Gallaspy Family College of Education and Human Development is committed to working collaboratively to acquire, create, and disseminate knowledge to Northwestern students through transformational, high-impact experiential learning practices, research, and service. Through the School of Education and Departments of Health and Human Performance, Military Science, Psychology, and Social Work, the College produces knowledgeable, inspired, and innovative graduates ready for lifelong learning who contribute to the communities in which they reside and professions they serve. Additionally, the GCEHD is dedicated to the communities served by the Marie Shaw Dunn Child Development Center, NSU Elementary Laboratory School, NSU Middle Laboratory School, and the NSU Child and Family Network to assist children and their families related to learning and development.

School of Education Mission. The School of Education offers exemplary programs that prepare candidates for career success in a variety of professional roles and settings. As caring, competent, reflective practitioners, our graduates become positive models in their communities and organizations. This mission is fulfilled through academic programs based on theory, research, and best practice. Further, all graduates learn to value and work with diverse populations and to incorporate technologies that enrich learning and professional endeavors.

Program Mission Statement: The mission of the Northwestern State University graduate Early Childhood Education Program is to help certified educators increase their repertoire of research-based teaching strategies while strengthening their knowledge, skills, and dispositions relating to Early Childhood Education. The advanced program builds on practicing educators' abilities to meet young children's diverse needs in a variety of settings while documenting and assessing their growth over time in relation to state standards. Upon completion of the program, which meets the National Association for the Education of Young Children's accreditation standards, candidates are equipped to meet the many demands of the teaching profession and to act as

AC 2019 – 2020 Assessment

school leaders.

Methodology: The assessment process for the M.Ed. in Early Childhood Education is as follows:

- Data from assessment tools are collected and returned to the program coordinator;
- The program coordinator analyzes the data to determine student learning and whether students have met measurable outcomes;
- Results are shared with program faculty; and
- The program coordinator works with program faculty analyze results; based on this analysis, faculty collaborate to make any necessary changes to course instruction and/or assessments for program improvement purposes.

Student Learning Outcomes.

SLO 1

Course Map: EDUC 5850 *Action Research for School Improvement*.

- Candidates complete a portfolio defense in their last year of coursework while enrolled in EDUC 5850 *Action Research for School Improvement*. They must successfully defend their portfolios in order to graduate.

Departmental Student Learning Goal	Program Student Learning Outcome
Demonstrate discipline-specific content knowledge (SPA #1)	Candidates will demonstrate knowledge of Developmentally Appropriate Practices relating to early childhood curriculum and assessment.

Measure 1.1. (Direct – Knowledge, Skills, and Dispositions)

SLO 1 is assessed through a portfolio defense. Candidates complete this defense in their last year of coursework while enrolled in EDUC 5850 *Action Research for School Improvement*. Program faculty collaborated to design the assessment along with a rubric to evaluate candidates' work. Candidates' knowledge and skills in relation to state standards and SPA standards are made visible through the compilation of course artifacts they create along with written and oral reflections. Through multiple iterations of the assessment and evaluation process, program faculty have collaborated to edit and refine the assessment and rubric to ensure that the portfolio defense assesses what faculty intend for it to assess and that the rubric continues to be a valid, reliable instrument. The target goal for this assessment is for at least 80% of candidates to score at least "Meets Expectations" on the rubric.

AC 2019 – 2020 Assessment

Finding.

- **AC 2019-2020:** Target was Met. 100% of candidates met target
- **AC 2018-2019:** Target was Met. 100% of candidates met target
- **AC 2017-2018:** Target was Met. 100% of candidates met target
- **AC 2016-2017:** Target was Met. 100% of candidates met target

Analysis.

In AC 2018-2019, the target was met. In AC 2018-2019 results, faculty found that 100% of candidates met target and scored “Target” on the rubric (n = 6). Faculty do not let candidates schedule portfolio defenses until candidates demonstrate readiness.

Based on analysis of the 2018-2019 results, faculty made the following changes in 2019-2020 to drive the cycle of improvement. Faculty fine-tuned the portfolio defense explanation handout to clarify the process. Faculty had candidates submit written reflections in each course, in which students tied their artifacts to NAEYC and content standards to prepare for the Portfolio Defense in EDUC 5850. To maximize student learning and to continue to improve the program, faculty examined data from candidates’ course artifacts, written reflections, and oral reflections to provide necessary changes for portfolio defense instruction and to identify and apply innovative ways to provide academic support to candidates to help them successfully defend their portfolio. Additionally, faculty added a service-learning component into coursework.

As a result of these changes, in AC 2019-2020 the target was met.

In AC 2019-2020, 100% of candidates met the target and scored “Target” (n = 3). Candidates’ artifacts, written reflections, and oral reflections demonstrated student learning via mastery of NAEYC and content standards.

These changes had a direct impact on the students’ ability to demonstrate knowledge of developmentally appropriate practices relating to early childhood curriculum and assessment.

Decision, action, or recommendation.

In AC 2019-2020, the target was met.

Based on information gathered from analysis of the AC 2019-2020 data, faculty will implement the following changes in AC 2020-2021 to drive the cycle of improvement. In AC 2020-2021, faculty will direct candidates to submit written reflections in each course, tying their artifacts to NAEYC, content standards, and personal experience. To maximize student learning and to continue to improve the program, faculty will examine data from candidates’ course artifacts, written reflections, and oral reflections to determine necessary changes for portfolio defense instruction and identify and apply innovative ways to provide academic support to candidates to help them successfully

AC 2019 – 2020 Assessment

defend their portfolio. Faculty will strengthen the service-learning component of coursework.

These changes will improve the students' ability to demonstrate knowledge of developmentally appropriate practices related to early childhood curriculum and assessment, thereby continuing to push the cycle of improvement forward.

SLO 2

Course Map: ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*

- SLO 2 is assessed through a Practicum Observation Form in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, which is the practicum course.

Departmental Student Learning Goal	Program Student Learning Outcome
Apply discipline-specific content knowledge in professional practice (SPA #4, Teacher Candidate Observation Form)	Candidates will demonstrate knowledge of Developmentally Appropriate Practices relating to Early Childhood development, curriculum, and assessment.

Measure: 2.1. (Direct – Knowledge, Skills, and Dispositions)

SLO 2 is assessed through a Practicum Observation Form in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, which is the practicum course.

The candidates' mentors assess candidates' knowledge, skills, and dispositions relating to social, emotional, physical, cognitive, and/or language/literacy skills in relation to early childhood curriculum and research-based assessments. Candidates are provided with a rubric which is used to evaluate their work. The assessment was developed in a collaborative fashion by program faculty, and it provides evidence of student learning and mastery of state standards because the assessment was specifically designed to align with both NAEYC and state standards. The assessment and rubric have been tweaked as necessary with each iteration based on results of student learning and changes in state standards. Program faculty have also reviewed the rubric for validity and reliability, ensuring that the assessment measures what it is intended to measure and that it is reliable over time. The goal is for at least 80% of candidates to score at least "Meets Expectations" on the rubric.

Finding.

- **AC 2019-2020:** Target was Met. 100% of candidates met target
- **AC 2018-2019:** Target was Met. 100% of candidates met target
- **AC 2017-2018:** Target was Met. 100% of candidates met target

AC 2019 – 2020 Assessment

- **AC 2016-2017:** Target was Met. 94.7% of candidates met target

Analysis.

In AC 2018-2019, the target was met. In AC 2018-2019 results, faculty found that 100% of candidates met target and scored “Meets Expectations” or “Target” on the rubric. Candidates’ mean score was 99% (n = 6).

Based on analysis of AC 2018-2019 results, faculty made the following changes in 2019-2020 to drive the cycle of improvement. In AC 2019-2020, faculty examined the evidence to determine student learning in each area, and content and pedagogical resources were added to the course to provide learner support in areas where candidates missed points (Diversity and Differentiation). Faculty added a service-learning component into coursework.

As a result of these changes, in AC 2019-2020 the target was met

In AC 2019-2020, 100% of candidates met target and scored “Target” on the rubric. Candidates’ mean score was 99% (n = 5). Because the assessment and rubric are tied to NAEYC standards and state standards, candidates’ artifacts demonstrated student learning via mastery of NAEYC and content standards.

These changes impacted/made/had a direct impact on the students’ ability to demonstrate knowledge of developmentally appropriate practices relating to early childhood development, curriculum, and assessment.

Decision, action, or recommendation.

In AC 2019-2020, the target was met.

Based on information gathered from analysis of the AC 2019-2020 data, faculty will implement the following changes in AC 2020-2021 to drive the cycle of improvement. In AC 2020-2021, program faculty will examine evidence to determine student learning in each area and modify instructional design by adding additional videos and other resources to provide learner support in Utilizing Technology. Faculty will strengthen the service-learning component of coursework.

These changes will improve the students’ ability to demonstrate knowledge of developmentally appropriate practices relating to early childhood development, curriculum, and assessment, thereby continuing to push the cycle of improvement forward.

SLO 3

Course Map: ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*

AC 2019 – 2020 Assessment

- SLO 3 is assessed through a dispositions form in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, which is candidates' practicum course.

Departmental Student Learning Goal	Program Student Learning Outcome
Model professional behaviors and Characteristics. (Dispositional Evaluation)	Candidates will model behaviors and characteristics that are professional and ethical.

Measure 3.1. (Direct – Dispositions)

SLO 3 is assessed through a dispositions form in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, which is candidates' practicum course. The assessment is evaluated using a rubric, and the target performance is that 80% of candidates will score at least "Sufficient." Faculty created the dispositional evaluation based on agreed-upon best practices and constructs outlined in InTASC standards. The assessment provides evidence for meeting the state identified standards because it is aligned with InTASC standards, and face validity was established for the instrument. Steps were taken to assure Quality of the assessment/evidence. Face validity was established by 1) aligning items to constructs, 2) avoiding bias and ambiguous language, and 3) stating items in actionable terms. Analysis was conducted using the CAEP Evaluation Framework for EPP-Created Assessments, resulting in "below sufficient," "sufficient," or "above sufficient" ratings. The goal is for at least 80% of candidates to score "Sufficient".

Findings.

- **AC 2016-2017:** Target was Met. 100% of candidates met target
- **AC 2017-2018:** Target was Met. 100% of candidates met target
- **AC 2018-2019:** Target was Met. 100% of candidates met target
- **AC 2019-2020:** Target was Met. 100% of candidates met target

Analysis.

In AC 2018-2019, the target was met. Based on the analysis of AC 2018-2019 results, faculty found that 100% of candidates met target and scored "Above Sufficient." Candidates' mean score was "3" (n = 6).

Based on analysis of the 2018-2019 results, faculty made the following change in AC 2019-2020 to drive the cycle of improvement. In AC 2019-2020, faculty added videos and resources relating to Professionalism to Early Childhood courses to facilitate candidates' professional dispositions. Faculty added a service-learning component into coursework.

As a result of this change, in AC 2019-2020 the target was met.

AC 2019 – 2020 Assessment

In AC 2019-2020, 100% of candidates met target and scored “Above Sufficient.” Candidates’ mean score was “4” (n = 5). As this assessment is used in the Practicum Course, which is one of the last courses candidates take, faculty expect scores to be strong. Because the assessment and rubric are tied to NAEYC standards and state standards, candidates’ artifacts demonstrated student learning via mastery of NAEYC and content standards.

These changes had a direct impact on the students’ ability to model behaviors and characteristics that are professional and ethical.

Decision, action, or recommendation.

In AC 2019-2020, the target was met.

Based on information gathered from analysis of the AC 2019-2020 data, faculty will implement the following changes in AC 2020-2021 to drive the cycle of improvement. In AC 2020-2021, faculty will modify instructional design by adding additional videos and other resources relating to Professionalism to the course to support student learning, as this is a growing concern in the field. This effort to engage in program improvement will strengthen candidates’ knowledge, skills, and dispositions relating to growing as professionals who prepare young children for life and learning in the classroom and beyond. Additionally, faculty will strengthen the service-learning component of coursework.

These changes will improve the students’ ability to model behaviors and characteristics that are professional and ethical thereby continuing to push the cycle of improvement forward.

SLO 4

Course Map: ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*

- SLO 4 is assessed through a lesson plan assignment in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, which is candidates’ practicum course.

Departmental Student Learning Goal	Program Student Learning Outcome
Exhibit creative thinking that yields engaging ideas, processes, materials, and experiences appropriate for the discipline (SPA #3, Lesson Plan)	Candidates will design and implement developmentally appropriate lesson plans that reflect research on best practices in Early Childhood Education.

Measure 4.1. (Direct – Knowledge and Skills)

AC 2019 – 2020 Assessment

SLO 4 is assessed through a lesson plan assignment in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, which is candidates' practicum course. The assessment is evaluated using a rubric, and the target performance is that 80% of candidates will score at least a "3" on the rubric, which is aligned with the state teacher assessment. A group of faculty and cooperating teachers collaborated to create the lesson planning template to align with (at the time) new Louisiana Compass and Common Core State Standards' expectations. The template requires candidates to plan for and explain elements of lessons on which in-service teacher evaluations were based. The assessment provides evidence for meeting the state identified standards because it is aligned with InTASC standards, and content validity was established for the instrument. Steps were taken to assure Quality of the assessment/evidence. A panel of 8 EPP faculty each conducted four independent rubric-based evaluations of anonymous lesson plan work samples submitted by candidates in four different initial teacher preparation programs. Analyses were conducted using the Lawshe Content Validity Ration (CVR) statistic (validity) and the Fisher Intra-class Correlation Coefficient (ICC) for reliability. To determine criteria for success,

- CVR mean = .58 with CVR(Critical, 8) = .75 and 13 items (62%) meeting critical value of .75
- ICC = .573. ICC of .4 - .59 reflects "fair" inter-rater agreement, and .6 is considered "good."

Finding.

- **AC 2016-2017:** Target was Met. 100% of candidates met target
- **AC 2017-2018:** Target was Met. 100% of candidates met target
- **AC 2018-2019:** Target was Met. 100% of candidates met target
- **AC 2019-2020:** Target was Met. 100% of candidates met target

Analysis.

In AC 2018-2019, the target was met. Based on the analysis of AC 2018-2019 results, faculty found that 100% of candidates met target and scored at least a "3." Candidates' mean score was 4 (n = 6).

Based on analysis of the AC 2018-2019 results, faculty made the following change in AC 2019-2020 to drive the cycle of improvement. Faculty examined the data and determined that more emphasis was needed on Differentiation. Faculty increased course content on Differentiation and added professional development sessions to provide learner support. Additionally, faculty added a service-learning component into coursework.

As a result of these changes, in AC 2019-2020 the target was met.

In AC 2019-2020, candidates' mean score was 4 (n = 6). While candidates taught a minimum of 10 lesson plans, data gathered from the last lesson plan they taught was used for this assessment. Analysis of the data revealed Utilizing Technology as an area

AC 2019 – 2020 Assessment

of weakness for student performance. This assessment instrument is used in the Practicum Course, which is one of the last courses candidates take before graduating, and since the candidates taught at least nine lesson plans before teaching this one, faculty expect scores to be strong. Because the assessment and rubric are tied to NAEYC standards and state standards, candidates' artifacts demonstrated student learning via mastery of NAEYC and content standards.

This change had a direct impact on the students' ability to design and implement developmentally appropriate lesson plans that reflect research on best practices in early childhood education.

Decision, action, or recommendation.

In AC 2019-2020, the target was met.

Based on information gathered from analysis of the AC 2019-2020 data, faculty will implement the following change in AC 2020-2021 to drive the cycle of improvement. In AC 2019-2020, faculty will modify instructional design by adding videos and other resources related to Utilizing Technology. This effort to engage in program improvement will strengthen candidates' knowledge, skills, and dispositions related to narrowing the digital divide for early childhood students in Louisiana. Faculty will also strengthen the service-learning component of coursework.

These changes will improve the students' ability to design and implement developmentally appropriate lesson plans that reflect research on best practices in early childhood education, thereby continuing to push the cycle of improvement forward.

SLO 5

Course Map: EDUC 5850 *Action Research for School Improvement*

SLO 5 is assessed through a paper in EDUC 5850 *Action Research for School Improvement*, which is the candidates' last course.

Departmental Student Learning Goal	Program Student Learning Outcome
Make responsible decisions and problem-solve, using data to inform actions when appropriate (SPA #5, Student Learning Impact)	Candidates will conduct investigations relevant to the field of Early Childhood and discuss implications for further research.

Measure 5.1. (Direct – Knowledge, Skills, and Dispositions)

SLO 5 is assessed through a paper in EDUC 5850 *Action Research for School Improvement*, which is the candidates' last course. The assessment is evaluated using a rubric, and the target performance is that at least 80% will score minimally "Meets Expectations". To complete this assessment, candidates implement an action research

AC 2019 – 2020 Assessment

project in their own classrooms to improve student outcomes. The rubric was developed in a collaborative fashion by program faculty, and it provides evidence of student learning and mastery of state and national standards because the assessment was specifically designed to align with NAEYC and state expectations. Program faculty have also reviewed the rubric for validity and reliability, ensuring that the assessment measures what it is intended to measure and that it is reliable over time.

Findings:

- **AC 2016-2017:** Target was Met. 100% of candidates met target
- **AC 2017-2018:** Target was Met. 100% of candidates met target
- **AC 2018-2019:** Target was Met. 100% of candidates met target
- **AC 2019-2020:** Target was Met. 100% of candidates met target

Analysis:

In AC 2018-2019, the target was met. In AC 2018-2019, faculty found that 100% of candidates scored Target on the rubric, with a mean score of “3” (n=6).

Based on analysis of the AC 2018-2019 results, faculty made the following changes in AC 2019-2020 to drive the cycle of improvement. In AC 2019-2020, faculty examined evidence to assess student learning in each area. Faculty increased instructional focus on research writing and on APA format in courses taken prior to EDUC 5850. Additionally, faculty provided sample papers and additional online resources with candidates to support student learning. Faculty added a service-learning component into coursework.

As a result of these changes, in AC 2019-2020 the target was met.

In AC 2019-2020, 100% of candidates scored Target on the rubric, with a mean score of “3” (n=3). Faculty expect all candidates to score at least “Meets Expectations” simply because candidates must continue revising drafts until they are error-free. Papers were not submitted to the Graduate School until they were free of errors. Thus, candidates may not exit this course until their papers reach standards of acceptance. Because the assessment and rubric are tied to NAEYC standards and state standards, candidates’ artifacts demonstrated student learning via mastery of NAEYC and content standards.

These changes impacted/made/had a direct impact on the students’ ability to conduct investigations relevant to the field of Early Childhood and discuss implications for further research.

Decision, action, or recommendation.

In AC 2019-2020, the target was met.

AC 2019 – 2020 Assessment

Based on information gathered from analysis of the AC 2019-2020 data, faculty will implement the following changes in AC 2020-2021 to drive the cycle of improvement. In AC 2020-2021, faculty will provide additional support relating to the research writing process and APA format. Further, faculty will share additional sample papers and online resources to support student learning. This effort to engage in program improvement will strengthen candidates' ability to complete their papers in a timely fashion. Faculty will strengthen the service-learning component of coursework.

These changes will improve the students' ability to conduct investigations relevant to the field of Early Childhood and discuss implications for further research, thereby continuing to push the cycle of improvement forward.

Comprehensive Summary of Key Evidence of Improvements Based on Analysis of Results.

After examining results of data analysis for AC 2018-2019, in AC 2019-2020 program faculty took several actions which resulted in improved student learning and program improvement.

- SLO 1: Faculty directed candidates to submit written reflections in each course, tying their artifacts to NAEYC and content standards, to prepare for the Portfolio Defense in EDUC 5850. Faculty fine-tuned the portfolio defense explanation handout to clarify the process. Faculty examined data from candidates' course artifacts, written reflections, and oral reflections to provide necessary changes for portfolio defense instructions and to identify and apply innovative ways to provide academic support to candidates to help them successfully defend their work.
- SLO 2: Faculty examined evidence to determine student learning in each area. Faculty modified instructional design of the course, ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*, by adding content and pedagogical resources to support learning and performance in areas of weakness (Diversity and Differentiation).
- SLO 3: Faculty modified instructional design of Early Childhood courses by adding videos and resources relating to Professionalism to facilitate candidates' professional dispositions.
- SLO 4: Faculty increased course content on Differentiation and added professional development sessions in ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation*.
- SLO 5: Faculty examined evidence to assess student learning in each area. Faculty increased instructional focus on research writing and on APA format in courses taken prior to EDUC 5850 *Action Research for School Improvement*.

AC 2019 – 2020 Assessment

Faculty provided sample papers and additional online resources with candidates to support student learning.

- Candidates were invited to publish peer-reviewed articles with the major professor to build candidates' content, pedagogical, and leadership skills.
- Candidates were invited to present at professional conferences with the major professor to build their content, pedagogical, and leadership skills.

Plan of Action Moving Forward.

After examining results of data analysis for AC 2019-2020, in AC 2020-2021 program faculty will take several actions to result in improved student learning and program improvement.

- SLO 1: Faculty will direct candidates to submit written reflections in each course, tying their artifacts to NAEYC, content standards, and personal experience. Faculty will examine data from candidates' course artifacts, written reflections, and oral reflections to determine necessary changes for portfolio defense instruction and identify and apply innovative ways to provide academic support to candidates to help them successfully defend their portfolio.
- SLO 2: Faculty will examine evidence to determine student learning in each area and modify instructional design by adding additional videos and other resources to ECED 5580 *Early Childhood Practicum: Performance Based Assessment and Documentation* to provide learner support in Utilizing Technology.
- SLO 3: Faculty will modify instructional design by adding additional videos and resources relating to Professionalism to Early Childhood courses.
- SLO 4: Faculty will modify instructional design by adding additional videos and other resources related to Utilizing Technology to Early Childhood courses.
- SLO 5: Faculty will provide additional support relating to the research writing process and APA format. Faculty will share additional sample papers and online resources to support student learning. Faculty will increase focus on research writing and on APA format in courses taken prior to EDUC 5850 *Action Research for School Improvement*.
- Candidates will be invited to publish peer-reviewed articles with the major professor to build candidates' content, pedagogical, and leadership skills.
- Candidates will be invited to present at professional conferences with the major professor to build their content, pedagogical, and leadership skills.