# Institutional Effectiveness Report

## 2018-19

**Program:** Curriculum & Instruction MA

**College and Department:** College of Education – Curriculum and Instruction

**Contact:** Jeremy Wendt

**Mission:**

The mission of the Department of Curriculum & Instruction is to enhance education and policy for the well-being of society through the creation, communication and application of new knowledge; preparation of scholars, researchers, educators and other professionals to meet the needs of our increasingly diverse, global, technological society; and outreach initiatives engaged with matters related to the local community, state, nation, and world.

*Mission Brief:* Learn from the past. Impact the present. Focus on the future.

*Vision:* Evidence-based, student-focused, future-oriented education for life-long learners.

**Program Goals**

*PG1: Faculty Excellence* - C&I will be staffed with a faculty committed to excellence in the areas of: teaching, research, and service.

**Student Learning Outcomes**

*SLO1: Candidate Content and Pedagogical Knowledge* - Candidates in curriculum and instruction will demonstrate content and pedagogical knowledge in their teaching area as reflected by passing scores on state licensure examinations.

*SLO2: Effective Research Experience* – MA Candidates in curriculum and instruction will demonstrate research methods knowledge and skill as reflected by passing grades on the culminating research project.

A departmentally developed curriculum map can be found in Appendix 1 that shows the connections between courses and student learning outcomes.

**Assessment Methods**

*PG1: Faculty Excellence*

1. Faculty Performance Objectives - Each faculty member submits a Faculty Performance Objectives annually to the chairperson of the department discussing their efforts for the previous calendar year in the areas of teaching, research, and service. The report addresses the following indicators. Teaching: number of courses taught, enrollment in each course, and appropriate teaching evaluations. Advisement: number of advisees. Research/Scholarship: publications, grants funded or continuing, presentations at international, national, state, or regional professional organizations,

manuscripts submitted for publication, grant applications submitted, and research in progress. Service: service activities to the department, college, university, and community.

*SLO1: Candidate Content and Pedagogical Knowledge*

1. PRAXIS II Scores - Candidates in licensure programs must meet or exceed required scores on Praxis II exams for her or his program. These scores are reported to TTU directly from ETS. Performance at a level above or comparable to the state mean on the Praxis II Examination will be defined as TTU candidates having a mean score above or equal to the state mean. Praxis II scores are generally reported a year behind due to a delay with state reporting.

2. Comprehensive Exam - Comprehensive examinations will also assess all candidates' content and pedagogical knowledge.

*SLO2: Effective Research Experience*

1. Research Proposal - Candidates in all programs complete a sequence of research courses near the end of their program. A research proposal is developed in Research I (FOED 6820, FOED 6920, or FOED 6980) and the research is conducted and written up in Research II (CUED 6900). A rubric is used in all courses to provide data to inform the department of the preparedness of candidates. Data from applied research will be discussed among research faculty and shared in departmental meetings to help determine any recommended changes.

**Results**

*PG1: Faculty Excellence*

| Professional Activity | Approximate Number |
|---|---|
| Grant involvement: PI/Co-PI/Senior Personnel | 41 |
| International Presentations | 28 |
| State/National/Intl Publications | 52 |
| Textbooks/Chapters | 17 |
| State/National/Intl Leadership Roles | 80 |

Grants were applied for and received by many faculty members. A sampling of grant categories included: Access and Diversity; Quality Enhancement Program; URECA; Faculty Research; Tennessee Higher Ed Commission STEM; Tennessee Early Childhood Pilot Program; NSF Noyce Teacher Scholarship Program. C&I faculty also served as Co-PI and senior personnel on numerous other projects.

Additionally, IDEA unit summary reports are attached and are overwhelmingly positive. These attribute to the concept of faculty excellence based on the achievement and success of the individual faculty members.

Community/Professional Service

Faculty members are extremely active and well represented at the local, state, and national level for their service. This connection to the education field is vital for the success of the College of Education and is valued highly by the department. C&I faculty are in leadership roles for many organizations including: TTU's Habitat for Humanity, Student Tennessee Education Association, International Literacy Association, Tennessee Association for the Education of Young Children, National Association for Multicultural Education, TN National Association for Multicultural Education, Society for Information Technology and Teacher Education, Tennessee Council of Teachers of English, Tennessee Association of Middle Schools, and many others.

Sample grant projects from C&I:

PI: Jeffrey Boles, Chemistry

Project Inspire STEM Teacher Residency 2014-2020

National Science Foundation (NSF) Noyce Application

Co-PIs: Jeremy Wendt, C&I; Hamilton County Schools; PEF Chattanooga

(Funded: $2,878,880)

PI: Martha Howard (Associate Professor, C&I)

Drs. Martha Howard and Amy Callender have been awarded approximately $7 million in grant funding to provide Early Intervention services to eligible infants and toddlers with TEIS (Tennessee Early Intervention System) and the BRIDGES program. The grant serves eight Upper Cumberland counties over the course of several years.

The C&I department is also home to the newly launched Jere Whitson Freedom School: A 6-week summer literacy and cultural enrichment program offered free to 40 children from low-income families. Through a research-based and multicultural curriculum, the program aims to promote love of books and learning, to enhance reading skills, and to foster participants' belief in their ability to make a difference in self, family, community, nation, and world.

Selected Journals: SRATE Journal; Educational Action Research; Journal of International Students; Teacher Education & Practice; International Journal of Interdisciplinary Educational Studies; Journal of Sport and Human Performance; Mathematics Teacher; Journal of School Psychology; Education and Training in Autism and Developmental Disabilities

*SLO1: Candidate Content and Pedagogical Knowledge*

PRAXIS II SCORES:

Pass rates for Praxis exam:

|         | 2017-18 |
|---------|---------|
| Total N | 29      |

| | |
|---|---|
| # Pass | 27 |
| % Pass | 93% |

COMPREHENSIVE EXAM:

| | Pass | Fail | Rewrite | Total |
|---|---|---|---|---|
| 2017-18 | 12 | 0 | 4 | 16 |
| 2018-19 | 20 | 0 | 2 | 22 |

*SLO2: Effective Research Experience*

Research I Course Grades

| | Satisfactory | General | Minimal | Below Expectations | | | |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | F | I | IF |
| 2017-18 | 59.1% | 20.5% | 4.5% | 0% | 3.4% | 12.5% | 0% |
| 2018-19 | 56.1% | 30.7% | 7.0% | 3.5% | .9% | 1.8% | 0% |

Research II Course Grades

| | Satisfactory | General | Minimal | Below Expectations | | | |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | F | I | IF |
| 2017-18 | 90.0% | 6.0% | 0% | 0% | 2.0% | 2.0% | 0% |
| 2018-19 | 82.3% | 11.3% | 1.6% | 0% | 0% | 4.8% | 0% |

**Modifications for Improvement:**

*PG1: Diversity*

Program Goal 1 will be replaced in 2019-20 with a new Program Goal related to Diversity. The College of Education Recruitment, Retention, and Diversity Committee established three goals/related objectives resulting in a 5–year Recruitment and Diversity Plan with goals to:

- recruit and retain diverse candidates (10 objectives),
- prepare candidates to teach/serve diverse student populations (6 objectives), and
- ensure clinical experiences prepare candidates to work with diverse student populations (7 objectives).

*SLO 1: Candidate Content and Pedagogical Knowledge*

Faculty data assessment forum meetings helped identify a gap in Literacy standards and achievement on licensure exams. A more in-depth literacy course was developed and implemented to better mirror undergraduate preparation and CAEP standards. Future licensure data should reflect any positive changes.

**Appendices**

1. Curriculum Map

# Appendix 1: Curriculum Map

| Subject | Course & Assignment: | Learner Development (1) | Learning Differences (2) | Learning Environments (3) | Content Knowledge (4) | Application of Content (5) | Assessment (6) | Planning for Instruction (7) | Instructional Strategies (8) | Professional Learning & Ethical Practice (9) | Leadership & Collaboration (10) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ELED | 7400 The Literacy Language Arts Program | Technology Based Story | Technology Based Story | Technology Based Story | Technology Based Story | Technology Based Story | Technology Based Story | Technology Based Story | Technology Based Story | | |
| READ | 6100 Uses of Technology in Literacy Education | Tech Integration | | Tech Integration | Tech Integration | | | Tech Integration | Tech Integration | Tech Integration | |
| READ | 6310 Assessment and Intervention in Literacy | Case Study | Case Study | Case Study | Case Study | | Case Study | Case Study | Case Study | Case Study | Case Study |
| READ | 6340 Literacy in the Elementary School | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards |
| READ | 6350 Literacy in the Secondary School | Cross-curricular | | Cross-curricular | Cross-curricular | | | Cross-curricular | Cross-curricular | Cross-curricular | |
| READ | 6700 Diversity & Equity in Literacy | Case Analysis | Case Analysis | Case Analysis | | | | | | | |
| READ | 6800 Field Experiences in Literacy | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R | | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R |
| READ | 7370 Linguistics: Theory & Application for Education | Virtual Presentation | Virtual Presentation | | Virtual Presentation | | | | | Virtual Presentation | Virtual Presentation |
| READ | 7500 Leadership in Literacy Education | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project |
| FOED OR EDPY | FOED 6920 Educational Research **OR** | | | | | | | | | Research Proposal | Research Proposal |
| FOED OR EDPY | FOED 6980 Qualitative Research in Education **OR** | | | | | | | | | Research Proposal | Research Proposal |
| FOED OR EDPY | EDPY 6310 Educational Statistics **OR** | | | | | | | | | Research Proposal | Research Proposal |
| FOED OR EDPY | EDPY 6350 Measurement & Assessment | | | | | | | | | Research Proposal | Research Proposal |
| CUED | 6900 Problems in Curriculum (**OR** READ 6900) | Problem Paper | | | | Problem Paper | | | | Problem Paper | Problem Paper |

**Program: Reading M.A.**

| Program: Reading M.A. | International Literacy Association | | | | | | |
|---|---|---|---|---|---|---|---|
| | Foundational Knowledge | Curriculum & Instruction | Assessment & Evaluation | Diversity & Equity | Learners & the Literacy Environment | Professional Learning & Leadership | Practicum/Clinical Experiences |
| **Subject** — *Course & Assignment:* | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| **ELED** 7400 The Literacy Language Arts Program | Technology-based | Technology-based | Technology-based | Technology-based | Technology-based | Technology-based | |
| | | | | | | | |
| **READ** 6100 Uses of Technology in Literacy Education | | | | | Tech Integration Paper | | |
| 6310 Assessment and Intervention in Literacy | Case Study | Case Study | Case Study | Case Study | Case Study | Case Study | Case Study |
| 6340 Literacy in the Elementary School | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards | |
| 6350 Literacy in the Secondary School | Cross-curricular project | Cross-curricular project | Cross-curricular project | Cross-curricular project | Cross-curricular project | Cross-curricular project | Cross-curricular project |
| 6700 Diversity & Equity in Literacy | Case Analysis | Case Analysis | Case Analysis | Case Analysis | Case Analysis | Case Analysis | |
| 6800 Field Experiences in Literacy | Demographic/Requirement/Reflec | Demographic/Requirement/Reflec | Demographic/Requirement/Reflec | Demographic/Requirement/Reflec | Demographic/Requirement/Reflec | Demographic/Requirement/Reflec | Demographic/Requirement/Reflec |
| 7370 Linguistics: Theory & Application for Education | Virtual Presentation | | | Virtual Presentation | | Virtual Presentation | |
| 7500 Leadership in Literacy Education | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project | | Professional Development & Coaching Project | Professional Development & Coaching Project | Professional Development & Coaching Project |
| | | | | | | | |
| **FOED OR EDPY** FOED 6920 Educational Research **OR** | Research Proposal | | | | | Research Proposal | |
| FOED 6980 Qualitative Research in Education **OR** | Research Proposal | | | | | Research Proposal | |
| EDPY 6310 Educational Statistics **OR** | Research Proposal | | | | | Research Proposal | |
| EDPY 6350 Measurement & Assessment | Research Proposal | | | | | Research Proposal | |
| | | | | | | | |
| **CUED** 6900 Problems in Curriculum (**OR** READ 6900) | Problem Paper | | Problem Paper | Problem Paper | | Problem Paper | |
| | | | | | | | |

| | Program: Reading M.A. | TN EPP Literacy Standards | | | | |
|---|---|---|---|---|---|---|
| | | Content knowledge | Language & Literacy Rich Environment | Curriculum & Instruction | Assessment & Evaluation | Professional Learning & Leadership |
| **Subject** | *Course & Assignment:* | **1** | **2** | **3** | **4** | **5** |
| **ELED** | 7400 The Literacy Language Arts Program | Technology Based Story | | | | |
| | | | | | | |
| **READ** | 6100 Uses of Technology in Literacy Education | Tech Integration | Tech Integration | Tech Integration | | Tech Integration |
| | 6310 Assessment and Intervention in Literacy | Case Study | Case Study | Case Study | Case Study | Case Study |
| | 6340 Literacy in the Elementary School | Professional Standards | Professional Standards | Professional Standards | Professional Standards | Professional Standards |
| | 6350 Literacy in the Secondary School | Cross-curricular | Cross-curricular | Cross-curricular | Cross-curricular | Cross-curricular |
| | 6700 Diversity & Equity in Literacy | Case Analysis | Case Analysis | Case Analysis | Case Analysis | |
| | 6800 Field Experiences in Literacy | | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R | Demographic/ Requirement/R |
| | 7370 Linguistics: Theory & Application for Education | Virtual Presentation | Virtual Presentation | | Virtual Presentation | Virtual Presentation |
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| | | | | | | |
| **FOED OR EDPY** | FOED 6920 Educational Research **OR** | | | | | Research Proposal |
| | FOED 6980 Qualitative Research in Education **OR** | | | | | Research Proposal |
| | EDPY 6310 Educational Statistics **OR** | | | | | Research Proposal |
| | EDPY 6350 Measurement & Assessment | | | | | Research Proposal |
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| | 6900 Problems in Curriculum (**OR** READ 6900) | | | | | Problem Paper |
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