Institutional Effectiveness 2022-2023

Program: Curriculum and Instruction MA

College and Department: College of Education, Department of Curriculum and Instruction MA

Contact: Jeremy Wendt, Chairperson

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.

Attach Curriculum Map (Educational Programs Only): *See Appendix 1.

CANDIDATE CONTENT AND PEDAGOGICAL KNOWLEDGE

Define Outcome:

- 1. Candidates for the MA in C&I will demonstrate content and pedagogical knowledge in their teaching area as reflected by passing scores on state licensure examinations.
- 2. Candidates for the MA in C&I will apply ethical research, compliance, practice and understanding in their coursework and degree program.

Assessment Methods:

- 1. State licensure exams. Candidates take between one and six licensure exams in order to be recommended for licensure. The Praxis subject assessments measure candidates' content knowledge of the subjects they teach. The subject assessments measure subject-specific teaching skills and content knowledge. Validity for the assessments is evidenced through multiple means, including job analysis; item writing and reviewing; standard-setting studies; test reviews; and ongoing reviews. Reliability is addressed via the standard error of measurement, reliability of classification, and reliability of scoring. Praxis is a proprietary assessment developed, regulated, and scored by ETS, and the Tennessee State Board of Education sets candidate cut scores.
- 2. CITI training modules Candidates for the INSL EdS will complete the required CITI training modules to demonstrate ethical research, compliance, practice and understanding. The CITI training modules: Enhance the integrity and professionalism of medical, healthcare, technology, and higher education communities, staff, and students conducting research or other compliance-related activities in the United States and

globally; educate members, administrators and organizational leadership of ethics committees and compliance entities to enable them to conduct their oversight and credentialing duties effectively, efficiently and professionally; promote ethical research at organizations where research is conducted through the education of research administrators and organizational leadership.

Criteria for Success (Thresholds for Assessment Methods):

- 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. CITI training modules Candidates for the MA will complete the required CITI training modules to demonstrate ethical research, compliance, practice and understanding with a minimum 80% score on the modules.

Results and Analysis:

Outcome 1: Candidate Content and Pedagogical Knowledge

Nearly all data reported to the university by testing organizations is reported one calendar year behind IE reporting cycles, therefore the most recent data for most indicators is 2021-22.

PRAXIS SCORES II:

Pass rates for Praxis exam:

Table 1. Pass Rates for PRAXIS Exam – MA/EdS

	2019-2020	2020-2021	2021-2022	2022-2023
Total N	73	100	93	88
# Pass	56	83	71	65
% Pass	76.71%	83.00%	76.34%	73.86%

COMPREHENSIVE EXAM:

	Pass	Fail	Fail Rewrite	
2018-19	20	0	2	22
2019-20	10	0	1	11
2020-21	43	0	17	70

In 2022-2023, C&I MA/EdS graduates had a 100% completion rate for the CITI training modules. The department's goal is to achieve the 100% completion rate annually.

Use of Results to Improve Outcomes:

Outcome 1 & Outcome 2

Multiple changes will be made to the assessment plan, specifically related to the Comprehensive Exam.

- Completion of CITI training is now a pre-requisite for admission to candidacy.
 All candidates complete the CITI training before or during their research courses.
- 2. The Comp exam has been replaced with the completion of a culminating research project. Results from the rubric scoring of the project can be used to not only assess research skills, but also content knowledge and application.

EFFECTIVE RESEARCH EXPERIENCE

Define Outcome:

- Candidates for the MA in C&I 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:

- 1. Culminating research project Candidates in all programs complete a sequence of research courses near the end of their program. A research proposal is developed in CUED 6300 (quantitative) or CUED 6310 (qualitative) and the research is conducted and written up in CUED 6305 or 6315. 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.
- 2. (Comprehensive Exam In August 2021, traditional comprehensive examinations were replaced by the culminating research project and will assess all candidates' content and pedagogical knowledge in a more authentic and in-depth application)

Criteria for Success (Thresholds for Assessment Methods):

Pass rates/percentages in the research course rubric will indicate if the majority of students have met or exceeded departmental and university graduate school requirements.

Results and Analysis:

Outcome 2: Effective Research Experience

Research I Course Grades

	Satisfactory	General	Minimal	Below Expectations				
	Α	В	С	D	IF			
2019- 20	64.50%	27.30%	3.60%	0%	1.80%	2.70%	0%	
2020- 21	70.60%	15.50%	7.50%	1.60%	1.60%	3.20%	0%	
2021- 22	64.40%	27.30%	3.80%	0.80%	1.50%	2.30%	0.00%	
2022- 23	54.40%	28.20%	9.70%	0%	2.80%	4.90%	0%	

Research II Course Grades

	Satisfactory	General	Minimal	Below Expectations			
	Α	В	С	D	F	1	IF
2019-20	90.70%	6.70%	1.30%	0%	0%	1.30%	0%
2020-21	95.70%	0%	0%	0%	0%	4.30%	0%
2021-22	78.90%	16.50%	2.80%	0.00%	0.90%	0.90%	0.00%
2022-23	73.70%	21.90%	2.60%	0.00%	0.00%	1.80%	0.00%

Use of Results to Improve Outcomes:

Outcome 2: Effective Research Experience

Updates to the research core better reflect current educational language and CAEP standards. Collaborative research and increased knowledge across quantitative and qualitative topics from students are evident in the project success rates and topics.

Example research papers from the quantitative research course:

- 1. Gamification Versus Traditional Instruction and High School Environmental Science Achievement
- 2. Functional Communication Training: Comparing the Use of Communication Boards and Sign Language on Reducing Echolalia
- 3. Students' Perceptions of Learning and Engagement: Quizzizz in Math Instruction

Example research papers from the qualitative research course:

- 1. How Elementary Teachers Perceive Inclusion and Students' Learning in the Inclusive Classroom: An Interpretive Case Study in a Rural Middle Tennessee School
- 2. An Interpretive Case Study: How Elementary School Teachers, Guidance Counselors, and Principals View the Impact of Social-Emotional Learning in a Middle Tennessee School

Summative Evaluation:

Outcome 1 & Outcome 2

Multiple changes will be made to the assessment plan, specifically related to the Comprehensive Exam.

- Completion of CITI training is now a pre-requisite for admission to candidacy.
 All candidates complete the CITI training before or during their research courses.
- 2. The Comp exam has been replaced with the completion of a culminating research project. Results from the rubric scoring of the project can be used to not only assess research skills, but also content knowledge and application.

Outcome 2: Effective Research Experience

Updates to the research core better reflect current educational language and CAEP standards. Collaborative research and increased knowledge across quantitative and qualitative topics from students are evident in the project success rates and topics.

Example research papers from the quantitative research course:

- Gamification Versus Traditional Instruction and High School Environmental Science Achievement
- 2. Functional Communication Training: Comparing the Use of Communication Boards and Sign Language on Reducing Echolalia
- 3. Students' Perceptions of Learning and Engagement: Quizzizz in Math Instruction

Example research papers from the qualitative research course:

- 1. How Elementary Teachers Perceive Inclusion and Students' Learning in the Inclusive Classroom: An Interpretive Case Study in a Rural Middle Tennessee School
- 2. An Interpretive Case Study: How Elementary School Teachers, Guidance Counselors, and Principals View the Impact of Social-Emotional Learning in a Middle Tennessee School

Assessment Plan Changes:

Appendix 1: Curriculum Map, Curriculum and Instruction, MA

	Donating					InTASC	Standards				
	Program: Reading M.A.	Learner Developmen	Learning nt Differences	Learning Environments	Content Knowledge	Application of Content	Assessment	Planning for Instruction	Instructional Strategies	Profession Learning Ethical Practice	& Leadership & Collaboration
Subject	Course & Assignment:	1	2	3	4	5	6	7	8	9	10
_	7400 The Literacy Language Arts Program	Technology		Technology	Technology	Technology	Technology	Technology	Technology		
ELED	7400 medielacy language Arts Program	Based Stor	y Based Story	Based Story	Based Story	Based Story	Based Story	Based Story	Based Story		
	Story than a fixed particular transfer and an	Tecn Integration		Tecn Integration	Tecn Integration			Tecn Integration	recn Integration	Tecn Integration	
	6100 Uses of Technology in Literacy Education	Case Study	Case Study	Case Study	Case Study		Case Study	Case Study	Case Study	Case Stud	ly Case Study
	6310 Assessment and Intervention in Literacy	Professiona	l Professional		Professional	Professional	Professional	Professional	Professional		nal Professional
	6340 Literacy in the Elementary School	Standards Cross-	Standards	Standards Cross-	Standards Cross-	Standards	Standards	Standards Cross-	Standards Cross-	Standard Cross-	s Standards
READ	6350 Literacy in the Secondary School	curricular Case Analys	is Case Analysis	curricular Case Analysis	curricular		+	curricular	curricular	curricula	r
쀭	6700 Diversity & Equity in Literacy	Demographi		Demographic/		Demographic	:/ Demographic/	Demographic/	Demographic/	Demograph	nic/ Demographic/
. }	6800 Field Experiences in Literacy	Requirement Virtual	t/R Requirement/R Virtual	Requirement/R	Virtual	Requirement/	/R Requirement/R	Requirement/R	Requirement/R	Requirement Virtual	nt/R Requirement/F
. }	7370 Linguistics: Theory & Application for Education	Presentatio Professiona		Professional	Presentation Professional	Professional	Professional	Professional	Professional	Presentati Profession	
	7500 Leadership in Literacy Education	Developmer & Coaching Project		Development & Coaching Project	Development & Coaching Project	Developmen & Coaching Project	t Development & Coaching Project	Development & Coaching Project	Development & Coaching Project	& Coachir Project	
										Researc	h Research
EDPY	FOED 6920 Educational Research OR						+			Proposa	Proposal
<u> </u>	FOED 6980 Qualitative Research in Education OR									Proposa Researc	Proposal
S S	EDPY 6310 Educational Statistics OR									Proposa	Proposal
FOED	EDPY 6350 Measurement & Assessment									Proposa	
ш											
CUED		Problem Pap				Problem Pape				Problem Pa	per Problem Paper
. 3	6900 Problems in Curriculum (OR READ 6900)	Problem Pap				Froordin rapo				Frobientra	per Problem Paper
					Inte	rnational	Literacy A	ssociatio	n	<u> </u>	
	Program: Reading			Т			· z.iio.uo j ·	Learners		ssional	Practicum/Clin
	M.A.		Foundational	Curriculu	m & Asses	sment &	Diversity &			earning &	ical
							ET	the Litera	cy Lean	iing &	icai
			Knowledge	Instructi	on Eval	luation	Equity	Environme	.,	ership	Experiences
Subject	Course & Assignment:		1	Instructi 2		3	Equity 4		nt Lead		
			1 Technology-	2 Technolog	gy- Tech	3 nology-	4 Technology-	Environme 5 Technolog	ent Lead	ership 6 nology-	Experiences
Subject	Course & Assignment: 7400 The Literacy Language Arts Program		1	2	gy- Tech	3	4	Environme 5	ent Lead	ership 6	Experiences
8	7400 The Literacy Language Arts Program		1 Technology-	2 Technolog	gy- Tech	3 nology-	4 Technology-	Environme 5 Technolog	rnt Lead	ership 6 nology-	Experiences
ED			1 Technology- based	2 Technolog based	gy- Tech	3 inology- ased	4 Technology- based	5 Technology based Tech Integral	Techn ba	ership 6 nology- sed	7
8	7400 The Literacy Language Arts Program		1 Technology- based	Z Technolog based Case Stud	gy- Tech b	3 nology- ased	4 Technology- based	5 Technology based Tech Integral Paper Case Stud	- Techriba	ership 6 hology- sed	Experiences
8	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education		1 Technology-based Case Study Professional Standards	Z Technolog based Case Stur Profession Standard	gy- Tech b. dy Casi	ased e Study essional ndards	4 Technology-based Case Study Professional Standards	Technology based Tech Integral Paper Case Stud Profession Standards	Techriba don Case al Profes	ership 6 cology- sed Study ssional dards	7 Case Study
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy		Technology- based Case Study Professional	Z Technolog based Case Stur Profession	dy Cas-	ased e Study essional ndards	4 Technology- based Case Study Professional	Environme 5 Technology based Tech Integrat Paper Case Stud Profession	rent Lead Techriba Ton Y Case Profes Stan Jular Cross-co	ership 6 cology- sed Study ssional dards	7
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School		1 Technology-based Case Study Professional Standards Cross-curricular	Z Technolog based Case Stur Profession Standard Cross-currie	dy Cas-	ased e Study essional ndards curricular C	4 Technology-based Case Study Professional Standards cross-curricular	Environme 5 Technology based Tech Integral Paper Case Stud Profession Standards Cross-currier	rent Lead Techriba don Y Case Stan Cross-c	ership 6 sology- sed Study ssional dards urricular	7 Case Study
8	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy		1 Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Re	Z Technolog based Case Stur Profession Standars Cross-curric project Case Analy	dy Case dy Case cular Cross-cular Cross-	ased e Study essional ndards curricular C colect Analysis graphic/Re D	4 Technology-based Case Study Professional Standards cross-curricular project Case Analysis Demographic/Re	Technology based Technology based Tech Integrat Paper Case Stud Profession Standards Cross-currict project Case Analys Demographic		ership 6 sology- ssed Study ssional dards urricular plect unalysis aphic/Re	Case Study Cross-curricular project Demographic/Re
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy		1 Technology-based Case Study Professional Standards Cross-curricular project Case Analysis	Case Sturior Profession Standard Cross-currior project Case Analy	dy Case dy Case cular Cross-cular Cross-	ased e Study essional ndards curricular C colect Analysis graphic/Re D	4 Technology-based Case Study Professional Standards cross-curricular project Case Analysis	Technology based Technology based Tech Integral Paper Case Stud Profession Standard Cross-curric project Case Analysi	rnt Lead	ership 6 sology- sed Study ssional dards urricular olect unalysis	7 Case Study Cross-curricular project
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy		1 Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Requirement/Reflec Virtual Presentation	2 Technolog based Case Stu Profession Standare Cross-currif- prolectic Case Analy Demograph oulrement/R	dy Cass Start	ased e Study essional hdards curricular C rolect Analysis yaphic/Re D eent/Reflec q	Technology- based Case Study Professional Standards cross-curricular project Case Analysis Demographic/Re	Environme 5 Technolog based Tech Integrat Paper Case Stud Profession Standards Cross-currici profect Case Analys Demographic quirement/Re	y Case A Demografie Quirement Cost Cost Cost Cost Cost Cost Cost Cos	ership 6 sology- sed Study ssional dards urricular olect unalysis aphic/Re in tual ntation	Case Study Cross-curricular project Demographic/Requirement/Reflec
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education		1 Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Requirement/Refler Virtual Presentation Professional	2 Technolog based Case Stur Profession Standare Cross-curri project Case Analy Demograph quirement/F	dy Cass dy Cass anal Profes s Star cular Cross-s pr sis Case cic/Re Demog	ased e Study essional adards curricular Croiect Analysis yaphic/Re D essional	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technolog based Tech Integrat Paper Case Stud Profession Stepsion Cross-curric project Case Analys Demographic quirement/Re	/- Techriba ion /- Techriba ion /- Techriba ion /- Case	ership 6 sology- sed Study ssional dards urricular solect unalysis aphic/Re tual nation ssional	Case Study Cross-curricular proiect Demographic/Reguirement/Reflec
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy		1 Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Requirement/Reflec Virtual Presentation	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional hdards curricular C rolect Analysis yaphic/Re D eent/Reflec q	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technolog based Tech Integrat Paper Case Stud Profession Standards Cross-currici profect Case Analys Demographic quirement/Re	rotate de la contraction de la	ership 6 sology- sed Study sional dards olect ualysis aphic/Re tual ntation ssional	Case Study Cross-curricular project Demographic/Requirement/Reflec
ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Re quirement/Refles Virtual Presentation Professional Development &	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographic quirement/Re	rotate de la contraction de la	ership 6 sology- sed Study sional dards olect ualysis aphic/Re tual ntation ssional	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Requirement/Reflet Virtual Presentation Professional Development & Coaching Project	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographic quirement/Re	y Case A Profes Stan Quirent St	ership 6 sology- sed Study ssional dards urricular object malysis aphic/Re intt/Reflec st tual ntation ssional pment & g Project search	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Requirement/Reflex Virtual Presentation Professional Development & Coaching Project	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographic quirement/Re	rot Lead y Case al Profer stan allar Cross-co- rors is Case A profer profe gradie quirement reflec quirement refle	ership 6 sology- sed ssional dards caphic/Re inalysis aphic/Re tual nation ssional pment & g Project earch posal earch	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
EDPY READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education FOED 6920 Educational Research OR FOED 6980 Qualitative Research in Education OR		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Redies Virtual Presentation Professional Development & Coaching Project	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographic quirement/Re	r- Techriba ion r- Stan ion r- Stan ion r- Stan r-	ership 6 sology- sed Study ssional dards urricular solect int/Reflec s tual pment & ig Project (ig Projec	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
EDPY READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education FOED 6920 Educational Research OR FOED 6980 Qualitative Research in Education OR EDPY 6310 Educational Statistics OR		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Requirement/Reflex Virtual Presentation Professional Development & Coaching Project Research Proposal Research Proposal Research Proposal	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographic quirement/Re	ion Case A Profes John Case A John Case	ership 6 sology- sed Study ssional dards urricular olect saphic/Re tual nnt/Reflec. stual pment & g Project (g	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
EDPY READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education FOED 6920 Educational Research OR FOED 6980 Qualitative Research in Education OR		Technology-based Case Study Professional Standards Cross-curricular orolect Case Analysis Demographic/Red uirement/Reflee Virtual Professional Development & Coaching Project Research Proposal Research Proposal Research	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographic quirement/Re	rotection for the control of the con	ership 6 bology- sed Study ssional dards dards introcurricular olect inalysis aphic/Re int/Reflec tual pment & g Project g Project earch posal earch posal earch	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education FOED 6920 Educational Research OR FOED 6980 Qualitative Research in Education OR EDPY 6310 Educational Statistics OR		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Re quirement/Reflee Virtual Presentation Professional Development & Coaching Project Research Proposal Research Proposal Research Proposal Research Proposal Research Proposal Research	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographia quirement/Re	rotection for the control of the con	ership 6 sology- sed Study ssional dards urricular sleet	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &
EDPY READ ELED	7400 The Literacy Language Arts Program 6100 Uses of Technology in Literacy Education 6310 Assessment and Intervention in Literacy 6340 Literacy in the Elementary School 6350 Literacy in the Secondary School 6700 Diversity & Equity in Literacy 6800 Field Experiences in Literacy 7370 Linguistics: Theory & Application for Education 7500 Leadership in Literacy Education FOED 6920 Educational Research OR FOED 6980 Qualitative Research in Education OR EDPY 6310 Educational Statistics OR		Technology-based Case Study Professional Standards Cross-curricular project Case Analysis Demographic/Re quirement/Reflee Virtual Presentation Professional Development & Coaching Project Research Proposal Research Proposal Research Proposal Research Proposal Research Proposal Research	Z Technolog based Case Stut Profession Standard Cross-currit project Case Analy Demograph quirement/F	dy Cassissis Case cic/Re Demogrational Profes quirem	ased e Study essional adards coiect Analysis graphic/Re D essional opment &	Technology- based Case Study Professional Standards cross-curricular project Case Analysis pemographic/Re uirement/Reflec. Virtual	Environme 5 Technology based Tech Integrat Paper Case Stud Profession Standards Cross-curricut project Case Analys Demographia quirement/Re	rotection for the control of the con	ership 6 sology- sed Study ssional dards urricular sleet	Case Study Cross-curricular proiect Demographic/Re puirement/Reflec Professional Development &

Appendix 1, Curriculum Map, Curriculum and Instruction, MA

	Daniel Daniel	TN EPP Literacy Standards							
	Program: Reading M.A.	Content knowledge	Language & Literacy Rich Environment	Curriculum & Instruction	Assessment & Evaluation	Professional Learning & Leadership			
Subject	Course & Assignment:	1	2	3	4	5			
Q	7400 The Literacy Language Arts Program	Technology							
ELED	7400 The Breitery Englange Art of Fogram	Based Story							
	C400 Upon of Took only and a literany Education	Tech	Tech	Tech		Tech			
	6100 Uses of Technology in Literacy Education	Integration	Integration	Integration		Integration			
	6310 Assessment and Intervention in Literacy	Case Study	Case Study	Case Study	Case Study	Case Study			
	6340 Literacy in the Elementary School	Professional	Professional	Professional	Professional	Professional			
	6540 Literacy III the Elementary School	Standards Cross-	Standards Cross-	Standards Cross-	Standards Cross-	Standards Cross-			
	6350 Literacy in the Secondary School	curricular	curricular	curricular	curricular	curricular			
READ	6700 Diversity & Equity in Literacy	Case Analysis	Case Analysis	Case Analysis	Case Analysis				
-	COOD Sield Franciscos in Literatur		Demographic/	Demographic/	Demographic/	Demographic/			
	6800 Field Experiences in Literacy	Virtual	Requirement/R Virtual	Requirement/R	Requirement/R Virtual	Requirement/R Virtual			
	7370 Linguistics: Theory & Application for Education	Presentation	Presentation		Presentation	Presentation			
		Professional	Professional	Professional	Professional	Professional			
	7500 Leadership in Literacy Education	Development &		Development &	Development &				
	,,	Coaching	Coaching	Coaching	Coaching	Coaching			
		Project	Project	Project	Project	Project			
>						Research			
ЕБРУ	FOED 6920 Educational Research OR					Proposal Research			
Ш	FOED 6980 Qualitative Research in Education OR					Proposal			
8 8	EDPY 6310 Educational Statistics OR					Research Proposal			
G	EDPY 6350 Measurement & Assessment					Research			
FOED						Proposal			
	6900 Problems in Curriculum (OR READ 6900)					Problem Paper			