Teacher Education Courses

Courses

TED 5011. ACP Practicum.
ACP Practicum A course for Alternative Certification Program (ACP) students who are attempting student teaching/internship, general field experience, and/or observations which are part of the requirements for certification to teach.
Department: Teacher Education
0 Credit Hours
0 Total Contact Hours
0 Lab Hours
0 Lecture Hours
0 Other Hours

TED 5119. Graduate Workshop in Education.
Graduate Workshop in Education (1-0) Studies in designated areas. May be repeated for credit when topic varies.
Department: Teacher Education
1 Credit Hour
41 Total Contact Hours
0 Lab Hours
1 Lecture Hour
40 Other Hours

Current topics in Science Education (2-0) Opportunity to develop competencies necessary to deal effectively with science instruction; includes curriculum, concepts, teaching strategies, and skills necessary to integrate content and teaching strategies. May be repeated for credit when topic varies.
Department: Teacher Education
2 Credit Hours
2 Total Contact Hours
0 Lab Hours
2 Lecture Hours
0 Other Hours

TED 5300. Research for Classroom Teacher.
Action Research for the Classroom Teacher (3-0) Research methodology to address the problems and needs of classroom teachers. Emphasis on interpreting professional literature and practitioner research in educational settings. Prerequisite: TED 5304 with a grade of "B" or better.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Prerequisite(s): (TED 5304 w/B or better)

TED 5301. Learning Contexts & Curriculum.
Learning Contexts and Curriculum (3-0) Examination of the theoretical frameworks and broad definitions of curricula, processes of curriculum alignment, pedagogy and assessment, State standards, curricular resources, curriculum integration, learning theory and lesson planning.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 5302. Manage Student-centered Cslrm.
Managing the Student-centered Classroom (3-0) Theory and practice on how to manage instruction and relationships in a student-centered classroom. Emphasis on classroom as communities of learning and on communication skills.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
TEE 5303. Authentic/Perf Assess Clsrn.
Authentic and Performance Assessment in the Classroom (3-0) Authentic and performance assessment practices in the constructivist classroom; use of instruments, such as rubrics, portfolios and individual and group projects as sources of assessment.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TEE 5304. Scholarly Writing for Educ.
Scholarly Writing for Education (3-0) Writing scholarly papers using archival research, documented sources, and electronic databases. Working closely with the instructor and a professor in their area of study, students produce publication quality papers. The courses covers issues of conceptualization, argumentation and evidence, and citation and referencing. It also deals with style, audience, organization, and mechanics, and relies heavily on peer editing and review.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TEE 5305. Intro to Quat Rsrch Methd Tch.
Prepares classroom teachers to be consumers of relevant quantitative research in order to improve classroom practices. Prepares teachers to decide and implement classroom-related research projects. Prerequisite: TEE 5304 with a grade of “B” or better.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TEE 5306. Inclusive Clsrn/Learn Enviro.
Inclusive Classroom/Learning Environments (3-0) Emphasis will be on learning theory, cultural/language issues that impact learning, modifications and best practice classroom arrangements, curriculum variations, grouping students, collaborative learning, and classroom assessment.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TEE 5310. Instructional Design/Methods.
Instructional Design/Methods: This course will provide the foundations of curriculum planning and delivery within the context of PK-12 schooling. The course will include concepts and practices that are critical to effective classroom teaching, including but not limited to: unit planning, lesson planning, standard-based instruction focused on student earning, and assessment. The course is meant to provide research-based approaches and hands-on practice for aspiring teachers seeking certification.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Diversity in Educational Settings (3-0) Exploration of the social context of education and teaching in a pluralistic society. Examination of schools and society in relation to historical and contemporary issues of diversity.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Current Topics In Science Education (3-0) Opportunity to develop competencies necessary to deal effectively with science instruction; includes curriculum, concepts, teaching strategies, and skills necessary to integrate content and teaching strategies. May be repeated for credit when topic varies.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 5318. Current Topics-Math Education.
Current Topics In Mathematics Education (3-0) Course focuses on pedagogical application of mathematical content knowledge and the use of learning theories that establish in-depth mathematical understanding through a variety of best practices supported by research-based evidence. Includes analysis of current topics related to classroom management techniques, as well as strategies for appropriate use of innovative instructional resources and learning technologies to help all students, including at-risk populations, in closing conceptual gaps in learning.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 5319. Graduate Workshop In Education.
Graduate Workshop In Education (3-0) Studies in a designated area. May be repeated for credit when topic varies.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 5320. Teaching Residency I.
Teaching Residency I: This course represents the first of two-part clinical teaching sequence. A part of this course, students will engage in hands-on learning and practice in a PK-12 classroom alongside a mentor teacher. Students will be coached and assessed based on elements of effective planning, instruction, and assessment. This course is required for teacher certification.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Prerequisite(s): (TED 5302 w/C or better AND TED 5310 w/C or better)

TED 5321. Teaching Residency II.
Teaching Residency II: This course is the second of a two-part clinical teaching sequence required for teacher certification. As part of this course, students will engage in hands-on learning and practice in a PK-12 classroom with intensive, on-site mentoring and coaching from faculty. The course includes elements of effective planning, instruction, and assessment, with a focus on student learning and achievement.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Prerequisite(s): (TED 5320 w/C or better)
TED 5322. Field Resources In Science Ed.
Field Resources In Science Education (3-0) Directed observation of selected field resources. Particular emphasis will be placed on the acquisition of
knowledge that directly relates to the essential elements in the elementary, middle, and high school science curricula in Texas.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 5324. Inclusive Science Education.
Inclusive Science Education (3-0) Explores theories that inform current understanding of equity and learning in science education. Examines issues
enhance science persistence.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 5345. Dual Credit Teaching and Rsch.
Dual Credit Teaching and Research This course examines local, state, and national issues related to dual credit/dual enrollment. There is a focus on the
development of knowledge, skills, and attributes involved in teaching rigorous college-level courses in high school settings.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of CURI
Classification Restrictions:
Restricted to class of GR

TED 5396. Independent Graduate Studies.
Independent Graduate Studies (0-0-3) Studies in an area of the student's choice that has been approved by the sponsoring professor. May be repeated
for credit when topic varies.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
0 Lecture Hours
3 Other Hours

TED 5397. Practicum For Master Teachers.
Practicum For Master Teachers (0-0-11.5) Assessment and verification of the competencies in a practicum situation as required for the Master Teacher
Certificate. Prerequisite: Department approval.
Department: Teacher Education
3 Credit Hours
11.5 Total Contact Hours
0 Lab Hours
0 Lecture Hours
11.5 Other Hours

TED 5398. Thesis.
Thesis (0-0-3) Prerequisite: Department approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
0 Lecture Hours
3 Other Hours
Thesis (0-0-3) Prerequisites: TED 5398 and department approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
0 Lecture Hours
3 Other Hours
Prerequisite(s): (TED 5398 w/P or better)

TED 6300. Crit Persp in Curri and Instr.
Critical Perspectives in Curriculum and Instruction: This course critically examines how institutionalized power and ideologies shape curriculum and instruction. It focuses on critical theories and research that link the purpose of schooling to a transformative vision of the world. We draw on current philosophical as well as historical perspectives to inform pedagogies by asking whose knowledge is legitimate.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 6301. Multilingualism & Academic Dev.
Multilingualism & Academic Development: This course focuses on the role of language acquisition in the academic development of the bi/multilingual and multicultural student. It examines language beyond the practice of signification and looks at the subjectivities of language, with implications of the role of language as a mediator of learning and as a powerful force in the construction of meaning across curricular areas. The course emphasizes theories and research for studying multilingualism across social, historical, and political contexts.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Sociocultural Contexts of Education: This course addresses how social, cultural, and economic relations of power are present in education systems and institutions. Key emphases of this course include how these issues are challenged and reconstructed in formal and informal education. Debates about the goals of public education in a democratic society are explored through anthropological, sociological, and cultural studies approaches to education, focusing on the social structures within which schooling is embedded.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 6303. Research Meth & Des in Edu I.
Introduction to empirical inquiry, including descriptive statistics, methods of inference, and hypothesis testing. Purposes of this course include gaining a basic graduate level understanding of experimental designs and statistical procedures used in education and other social sciences, obtaining the knowledge and skill necessary to be an informed and competent consumer of educational research, and ability to competently design a preliminary quantitative research study.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
TED 6304. Research Meth & Des in Edu II.
Introduction to qualitative research methodologies. Examination of different qualitative traditions, frameworks, and philosophical assumptions about ways of knowing. Discussion of appropriate fit between research questions, methods selected, and role of the researcher. Students will engage in several phases of the qualitative research process. Prerequisite: TED 6303
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 6305. Practicum.
Practicum in supervised professional activities that support the candidate's dissertation research.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Seminar on applied research and practice on various selected topics in the field. Prerequisite: TED 6303
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 6307. Found of Quan Research in Edu.
An in-depth examination of quantitative research design, data collection, and analysis using SPSS along focusing on individual student needs by critically evaluating published research, and the selection, use, and interpretation of statistical tests.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 6310. Learning Sciences.
Learning Sciences: Learning sciences represents an interdisciplinary field that examines how people learn to understand, reason, and solve problems in diverse and complex settings. This course will examine how learning sciences has and continues to evolve as a research field that informs practice through the design of effective learning environments across socioculturally mediated contexts. It will engage with foundational field perspectives to interrogate such ideas as the goals of education, learning design features, and social and cultural influences.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

An in-depth examination of quantitative research design, data collection, and analysis using SPSS along focusing on individual student needs by critically evaluating published research, and the selection, use, and interpretation of statistical tests.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
TED 6319. Grad Workshop in Education.
Studies in designated area. May be repeated for credit when topic varies. Prerequisite: Departmental approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC

TED 6320. Quantitative Research I.
Quantitative Research I (3-0). Introduction to empirical inquiry, including descriptive statistics, methods of inference, and hypothesis testing. Purposes of this course include gaining a basic graduate level understanding of experimental designs and statistical procedures used in education and other social sciences, obtaining the knowledge and skill necessary to be an informed and competent consumer and user of educational research, and ability to competently design a preliminary quantitative research study. Prerequisite: Department Approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC
Prerequisite(s): (TED 6396 w/C or better)

TED 6321. Quantitative Research II.
Quantitative Research II (3-0). An in-depth examination of quantitative research design, data collection, analysis, and interpretation of statistical software (i.e., SPSS) on simulated and real data sets. The course include a brief review of scientific theory building, univariate and multivariate procedures and their applications across relevant experimental designs and educational disciplines along with an emphasis on individual student needs by critically evaluating published research. Student will be required to complete a research proposal and a submission of a research conference paper. Prerequisite: Department Approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC
Prerequisite(s): (TED 6320 w/C or better)

TED 6322. Qualitative Research I.
Qualitative Research I (3-0). This course provides an introduction to qualitative research methodologies, with an emphasis on philosophical, conceptual, and theoretical underpinnings. Students will be required to create a research proposal which will be implemented in TED 6323. Prerequisite: Department Approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC
Prerequisite(s): (TED 6396 w/C or better)
TED 6323. Qualitative Research II.
Qualitative Research II (3-0). Examination of different qualitative traditions, frameworks, and philosophical assumptions about ways of knowing. Discussion of appropriate fit between research questions, methods selected, and role of the researcher. Students will engage in several phases of the qualitative research process. Prerequisite: Department Approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC
Prerequisite(s): (TED 6322 w/C or better)

The course develops competencies necessary to understand and effectively design education research using mixed methodology. It includes topics on the nature and foundations of mixed methods research, core mixed methods designs, collecting, analyzing, and interpreting data in mixed methods studies, writing and evaluating mixed methods research.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC

TED 6394. Scholarly Portfolio Development.
Scholarly Portfolio Development This course is for finalizing the components of the scholarly portfolio, as per program guidelines and policies. To satisfactorily complete this course, the student will successfully defend the portfolio to their dissertation committee. A minimum of 33 credit hours earned in the program prior to enrollment.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

TED 6395. Independent Grad Studies.
Studies in an area of the student’s choice that has been approved by the sponsoring professor. May be repeated for credit when topic varies. Prerequisite: Departmental approval.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC

TED 6396. Doct Sem in Educ Research.
Doctoral Seminar in Education Research Departmental seminar to discuss critical issues in current research concerning curriculum and instruction.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC
TED 6397. Doc Prop Writing Seminar.
Preparation of dissertation proposal. Student must successfully complete the course prior to scheduling the proposal hearing. Students may repeat this course if they cannot complete it the first time. If students are unsuccessful the second time, then the Probation/Dismissal Procedure will be initiated.
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours
Major Restrictions:
Restricted to majors of TLC
Prerequisite(s): (TED 6394 w/S or better)

TED 6398. Dissertation.
Under the direction of the committee chair, a dissertation will be written. Continuous enrollment in TED 6399 is required until the dissertation is accepted by the dissertation committee. May be repeated more than once. Prerequisite TED 6397
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
0 Lecture Hours
3 Other Hours

TED 6399. Dissertation.
Students, under the direction of the Dissertation Committee, will write a dissertation. Continuous registration in TED 6399 is required until the dissertation has been successfully defended and is accepted by the Dissertation Committee. May be repeated more than once. Prerequisites: TED 6398
Department: Teacher Education
3 Credit Hours
3 Total Contact Hours
0 Lab Hours
0 Lecture Hours
3 Other Hours
Prerequisite(s): (TED 6397 w/P or better AND TED 6398 w/P or better)