EDUCATION (ED) (EDUC)

ED 311. Growth and Development for EC to Grade 12 (EL). 3 Hours.
This is an introductory education course which presents theories of children's growth and development along with their relationship to learning and teaching. Cultural, emotional, physical, intellectual, and learning differences are studied for their impact on learning and educational opportunity. Students must be considered in their junior year and will be required to participate in 8 hours of field experience. This course integrates the principles of Experiential Learning and meets the criteria of field work.

This introductory education course provides students knowledge and skills to 1) design instruction and assessment to promote student learning, 2) create a positive, productive classroom environment, 3) implement effective, responsive instruction and assessment, and 4) work effectively with ESL students in the regular education classroom. This course integrates the principles of Experiential Learning and meets the criteria for field work.

ED 331. Classroom and Behavior Management. 3 Hours.
This course presents best practices in classroom and behavior management including management of time, materials, and space. Additionally, the course examines strategies for managing individual and large-group student behaviors, transitions, lab activities, and other arrangements for classrooms in general and special education. Prerequisite: Admission to the Teacher Preparation Program.

ED 403. Early Childhood Education: Curriculum. 3 Hours.
This course is a comprehensive study of the curriculum including the areas of instruction, experience, and the use of materials for instructional purposes in early childhood. Prerequisite: ECE 301.

ED 410. Clinical Practicum for Initial Certification. 6 Hours.
This course provides practical work in the public school setting which includes clinical teaching for the Graduate/Alternative Certification Program (ACP). Clinical teachers participate for 15 weeks in a public school setting. Teaching by the clinical teacher is directed and supervised by an Instructional Leadership Team (ILT). A required orientation and seminars will be offered which address various legal and ethical issues of education as well as current educational topics. This course is graded on a Satisfactory (S) or Unsatisfactory (U) basis for 6 SCH. Prerequisite: Candidate must meet eligibility requirements for admission to the Alternative Certification Program and complete an "Intent to do Clinical Practicum" by October 1.

ED 434. Classroom Management and Teaching Strategies. 3 Hours.
This course examines teaching strategies such as exposition, demonstration, and inquiry. Also, students will study, observe, and demonstrate an understanding of various classroom management theories. A field experience component is required. Prerequisite: Admission to the Teacher Preparation Program.

ED 435. Secondary Content Pedagogy. 3 Hours.
This course provides students seeking certification in grades 4-8 and 7-12 with pedagogical best-practices. Students will learn lesson planning, assessment, and available resources for their specific content area. Methods for accessing and processing information through traditional as well as new technologies will be addressed. Prerequisite: Admission to the Teacher Preparation Program.

ED 485. ACP Supervised Internship. 3 Hours.
This course provides supervised experiences for interns on Probationary Certificates. A total of six hours, over two semesters, must be earned to be recommended for a Standard Certificate. This course is graded on a Satisfactory (S) or Unsatisfactory (U) basis. Prerequisite: Meets admission requirements to the Alternative Certification Program and obtains Probationary Teaching Certification.

ED 486. Teaching Methods for Grades EC-6 in Science, Math, Physical Education and Health (EL). 3 Hours.
This course is a project-based course that engages students in the planning, delivery, and assessment of state standards using high-impact practices for Health, Math, Physical Education, and Science. Course content aligns with Texas Educator Content Standards for EC-6 and student standards including 1) EC-6, 2) College and Career Readiness Standards, and 3) English Language Proficiencies. This course emphasizes Science standards integrating Math, Health, and Physical Education standards. This course integrates the principles of Experiential Learning and meets criterion for fieldwork. Prerequisite: Admission to the Teacher Preparation Program.

ED 487. Teaching Methods for EC-6 in Social Studies, Fine Arts, English, Language Arts & Reading. 3 Hours.
This course emphasizes social studies standards that integrate fine arts and English, language arts, and reading standards. Students will engage in planning, delivery, and assessment of state standards using high-impact practices for Social Studies, Fine Arts and English, and Language Arts & Reading (ELAR) for Grades EC-6. Course content aligns with Texas Educator Content Standards for EC-6 and student standards including content standards for EC-6, College and Career Readiness Standards, and English Language Proficiencies. Prerequisite: Admission to the Teacher Preparation Program.

ED 489. Individual Study. 3 Hours.
This course provides individual instruction. Students may repeat the course when topics vary. Prerequisite: Requires a student contract approved by the instructor and dean.
ED 495. Block 1 - Co-Teaching Practicum for Certification Candidates (EL). 3 Hours.
This three semester credit hour course provides clinical work in the public school setting as part of field experience requirements for the undergraduate Teacher Preparation Program (TPP). University student is identified as Teacher Candidate and is required to spend six (6) hours per week for twelve weeks in an assigned classroom under the supervision of an Instructional Leadership Team (ILT). Block 1 is the first semester of the co-teaching assignment (2 semesters) in which Teacher Candidate and Cooperating Teacher are considered co-teachers for the class. This course integrates the principles of Experiential Learning and meets the criterion for internship. Prerequisite: Must be admitted into the Alternative Certification Program.

ED 496. Block 2 - Co-Teaching Practicum for Certification Candidates (EL). 3 Hours.
This course provides clinical work in a public school setting as part of field experience requirements for the undergraduate Teacher Preparation Program (TPP). University student is identified as Teacher Candidate and is required to spend 72 full public school days in an assigned classroom under the supervision of an Instructional Leadership Team (ILT). Block 2 is the second semester of the co-teaching assignment (2 semesters) in which Teaching Candidate and Cooperating Teacher are considered co-teachers for the class. This course integrates the principles of Experiential Learning and meets the criterion for internship. Prerequisite: Successful completion of ED 495; passing scores on both TExES PPR and TExES Content exams appropriate for the level and certification being sought; continued acceptance in a public school classroom.

ED 497. Special Topics. 3 Hours.
Instructors will provide an organized class designed to cover areas of specific interest. Students may repeat the course when topics vary. Prerequisite: None.

ED 500. Induction for Novice Teachers. 3 Hours.
Prerequisite: Employment in a local public school. This is systematic training and ongoing support for new teachers before the first day of public school and continuing throughout the first semester. Students in the Alternative Certification Program, those in POINTE: Partnering Opportunities Inspiring Novice Teacher Excellence (a Regents Initiative II program), and newly certified teachers are invited to participate to enhance their public school students achievement and for their own career satisfaction. The course will begin with two days in the summer of training for setting up their classrooms and gearing up for the first week of their teaching career. A Needs Assessment will be conducted during these sessions that will determine the topics of the speakers for the monthly seminars.

ED 506. Classroom Management and Basic Law for Teachers. 3 Hours.
This course presents all aspects of classroom management from organizing classroom space to strategies for dealing with student behavior. Basic Texas education laws will be presented ranging from contracts to the First Amendment in schools. This course will prepare the student to feel confident not only on the first day of school but for the entire year. Prerequisite: Must be admitted into the Alternative Certification Program.

ED 508. Introduction to Teaching. 3 Hours.
This course examines learning theories along with their impact on strategies for effective teaching. Educational measurement and evaluation (STAAR) used by schools will be studied. Prerequisite: Must be admitted into the Alternative Certification Program.

ED 510. Clinical Practicum for Initial Teacher Certification. 6 Hours.
This course provides practical work in the public school setting which includes clinical teaching for the Graduate/Alternative Certification Program (ACP). Clinical teachers participate for 15 weeks in a public school setting. Teaching by the clinical teacher is directed and supervised by an Instructional Leadership Team (ILT). A required orientation and seminars will be offered which address various legal and ethical issues of education as well as current educational topics. This course is graded on a Satisfactory (S) or Unsatisfactory (U) basis for 6 SCH. Prerequisite: Candidate must meet eligibility requirements for admission to the Alternative Certification Program and complete "Intent to do Clinical Practicum" by October 1.

ED 520. Education Research Literature and Techniques. 3 Hours.
This course addresses the process and tools to locate, read, understand, and critique education research. The fundamental techniques of planning, conducting, and reporting qualitative and quantitative research will also be considered. Prerequisite: Must be admitted into the Alternative Certification Program.

ED 530. Human Growth and Development for Educators. 3 Hours.
This course examines cognitive, physical, psychological, and social development of humans from conception through adolescence (0-20 years). Theoretical frameworks, critical issues, and current research pertaining to each life-stage are included. Educational implications of domain specific developmental factors are highlighted. Study of the overlay of creativity, resiliency, and focus of control are added psychological variables integrated for further understanding of developmental influences on student success and/or failure in learning and school. Prerequisite: Must be admitted into the Alternative Certification Program.

ED 547. Evaluating Learning. 3 Hours.
This course addresses formative and summative assessments of learning. Related statistical analysis concepts are also studied. Prerequisite: ED 520 and must be admitted into the Alternative Certification Program.

ED 551. Effective Strategies for Student Success. 3 Hours.
This course focuses on effective best-practice teaching and learning strategies aligned to the written and assessed curriculum. Emphasis is placed on the use of research-based instructional strategies in the classroom. Prerequisite: ED 520.

ED 557. Innovative Learner-Centered Strategies for Student Success. 3 Hours.
This course contains the professional body of knowledge necessary for the effective teaching of diverse learners for student success. Course emphasis is centered on understanding theories and strategies that address the needs of a diverse population in the public school systems. Prerequisite: Must be admitted into the Alternative Certification Program.
ED 570. Strategies in Composition. 3 Hours.
This course engages students in research and evaluation of teaching composition, remedial, and creative writing. In addition, each student researches an area of special interest within the field of composition studies, writes a review of this research, and presents a summary of findings in an oral presentation to the class. This course is cross listed with ENG 570. Prerequisite: Instructor permission. Corequisite: ED 571.

ED 571. Improving Students' Writing in the School. 3 Hours.
Students analyze current research in composition and writing across the curriculum, with special emphasis upon the theoretical approach developed by the National Writing Project. Further, after researching an area of special interest, each student applies theoretical principles by developing a unit of instruction and presenting a demonstration. This course is cross listed with ENG 571. Prerequisite: Instructor permission. Corequisite: ED 570.

ED 573. Leadership and Mentoring in Education. 3 Hours.
This course focuses on building leadership through research-based strategies. The role of the professional as consultant, mentor, and coach is discussed. Prerequisite: ED 520.

ED 577. Public School Law for Teachers. 3 Hours.
This course educates current and future teachers to become legally literate. A study of the federal and state legal framework will serve as the foundation for a more in-depth investigation of the impact of, and relationship between, constitutional, statutory, administrative, and judicial (case) law on a teacher’s personal and professional life. Prerequisite: None.

ED 578. Global Studies in Education. 3 Hours.
This course addresses the concepts and theoretical approaches of comparative education and investigates relevant global issues through international field experience and cultural immersion. Prerequisite: Course requires travel outside of the United States.

ED 585. Alternative Certification Program Supervised Internship. 3 Hours.
This course provides supervised experiences for interns on Probationary Certificates. A total of six hours, over two semesters, must be earned to be recommended for a Standard Certificate. This course is graded on a Satisfactory (S) or Unsatisfactory (U) basis. Prerequisite: Meets admission requirements to the Alternative Certification Program and obtains Probationary Teaching Certification.

ED 589. Individual Study. 3 Hours.
This course provides individual instruction. Students may repeat the course when topics vary. Prerequisite: Requires a student contract approved by the instructor and dean.

ED 590. Curriculum Alignment for School Improvement. 3 Hours.
This course addresses theories and related practices of applied curriculum leadership including topological and deep alignment of the written, taught, and tested curriculum. Students will study research-based curriculum-related elements of high performing schools. Prerequisite: ED 520.

ED 591. Interdisciplinary Curriculum Design. 3 Hours.
This course addresses theories and related practices of applied curriculum leadership including topological and deep alignment of the written, taught, and tested curriculum. Students will study research-based curriculum-related elements of high performing schools across disciplines within a specific context. Prerequisite: Participation in a TISD co-hort.

ED 592. Interdisciplinary Curriculum Delivery. 3 Hours.
This course focuses on effective best-practice teaching and learning strategies aligned to the written and assessed curriculum. Emphasis is placed on the use of research-based instructional strategies in the classroom within a specific context. Prerequisite: Participation in a TISD co-hort.

ED 593. Teaching in a Multicultural Setting. 3 Hours.
This course surveys the historical, psychological, social, and economic factors influencing pupil behavior in the public school setting. Students investigate in-depth cross-cultural studies and teaching strategies relating to subject matter and social-education experiences of major U.S. minority groups.

ED 597. Special Topics. 3 Hours.
This is an organized class designed to probe new curricula designs, instructional strategies, or evaluative techniques. May be repeated when topics vary.

EDUC 1301. Introduction to the Teaching Profession. 3 Hours.
This course introduces the student to teaching as a career choice. This course examines student diversity within American public schools and changes in American society that influence classrooms. Foundations in education and the complexities in the teaching profession will be explored. The field experience component will include 16 hours of structured observations and participation in public schools.

EDUC 2301. Introduction to Special Populations. 3 Hours.
This course introduces the student to the foundations of multicultural education. This course explores education in a changing society as well as historical and theoretical perspectives on multicultural education. It focuses upon diversity in the classroom including culturally and linguistically diverse learners, students who are at-risk for failure, and exceptional learners. The field experience component will include 16 hours of structured observations and participation in the schools to examine multicultural teaching in action. This course applies to EC-12 majors with special populations.