

4140. Introduction to Language Disorders. 3 hours. Nature, causes and characteristics of language disorders in children and adults. Principles of evaluation and remediation of language problems. Prerequisite(s): SPHS 4010 or equivalent.

4150. Speech and Hearing Sciences. 3 hours. Theories of utterance formulation, physiological production, acoustic transmission, and auditory reception, recognition of the human speech signal. Prerequisite(s): SPHS 3020, 4130, or consent of instructor.

4210. Clinical Methods in Speech-Language Pathology. 3 hours. Introduction to the processes involved in assessment, diagnosis and remediation of speech and language disorders. Application of these processes to various work settings.

4900. Special Problems. 1-3 hours. Problem must be approved by department director.

Teacher Education and Administration

Bilingual and English as a Second Language Education, EDBE

3470. Foundations of Bilingual and English as a Second Language Education. 3 hours. Examination of philosophies and theoretical underpinnings of bilingual and ESL education, including a review of historical antecedents of bilingual education and evolution of federal and state language policies governing the education of language-minority children. Required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): admission to Teacher Education or consent of department. May be taken concurrently with EDBE 3480.

3480. Bilingualism and Multiculturalism: Issues and Perspectives. 3 hours. Study of the bilingual learner, perspectives on multiculturalism, discussions of cognitive, social and affective factors impacting second language development; insights into education in a pluralistic society. Observations are required. Required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): admission to Teacher Education or consent of department. May be taken concurrently with EDBE 3470.

4470. Curriculum and Assessment for Bilingual/ESL Education. 3 hours. Examination of the organization of curriculum for second language learners with special focus on testing and evaluation procedures appropriate for bilingual and ESL classrooms; study of formal and informal assessment of language proficiency for instructional purposes and use of standardized achievement tests. Required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Prerequisite(s): EDBE 3470, 3480 and admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4490.

4480. Bilingual Approaches to Content-Based Learning. 3 hours. (3;0;1.5) Study of appropriate first language usage in bilingual classrooms, focusing on different core curriculum areas, methods and materials and review of language distribution strategies. Focus on responsive instruction that makes use of effective communication techniques and

instructional strategies that actively involve students in the learning process. Required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Requires 1.5 hours per week field experience in a bilingual education classroom. Language of instruction is Spanish. Prerequisite(s): EDBE 3470 and 3480, admission to Teacher Education or consent of department and successful completion of departmental proficiency examination in Spanish.

4490. Teaching ESL EC-12: Instructional Strategies and Resources. 3 hours. (3;0;1.5) Study of methods and techniques of teaching English as a second language in elementary and secondary schools. Language development techniques and materials for students at different levels of English proficiency. Focus on helping students to develop strategies (consistent with state standards for language and content learning) that can improve the English language proficiency and grade level subject matter knowledge of English language learners. Required for students seeking EC-4 or 4-8 generalist certification with specialization in bilingual or ESL education. Requires 1.5 hours per week field experience. Prerequisite(s): EDBE 3470, LING 4030 and admission to Teacher Education or consent of department. May be taken concurrently with EDBE 4470.

Educational Administration and Supervision – see *Graduate Catalog*

Educational Curriculum and Instruction – see *Graduate Catalog*

Educational Foundations, EDUC

4800-4810. Studies in Education. 1-3 hours each. Organized classes for specific program needs and student interest. Prerequisite(s): consent of department. Limited-offering basis. May be repeated for credit.

4900-4910. Special Problems. 1-3 hours each.

Elementary Education, EDEE

2000. Exploring Diversity Through Social Action. 3 hours. (3;0;4.5) Exploration of diverse populations in U.S. society through a field-based practicum in various settings throughout the Dallas-Fort Worth-Denton area. Weekly seminars attend to issues related to race and ethnicity, gender, social class, disability, and sexual orientation. A minimum of 45 hours of community service is required. Required for those seeking grades 4-8 teacher certification. *Satisfies the Cross-cultural, Diversity and Global Studies requirement of the University Core Curriculum.*

3320. Foundations of Education: The School Curriculum. 3 hours. Principles and foundations of curriculum for grades EC-8 in public schools. Includes the study of professional ethics/responsibilities, educational philosophies, the history of American education, schools and society, school and community/parent relationships, legal/political control and financial support, school/classroom organizational patterns, and curriculum development/alignment. Prerequisite(s): admission to the teacher education program (includes participation in a field-based program), a child/adolescent/lifespan development course, and an educational-application computer course.

3380. Teaching and Learning in Grades EC-8. 3 hours. Effective teaching practices through reflective decision making. Includes the fundamental teaching skills of planning for instruction, implementing appropriate teaching strategies, integrating the curriculum, integrating technology into teaching, grouping children for instruction, acquiring appropriate materials/resources, assessing student learning, and establishing and maintaining a safe and effective learning environment. Prerequisite(s): admission to the teacher education program (includes participation in a field-based program), with a child/adolescent/lifespan development course, and an educational-application computer course.

4101-4102. Student Teaching in Pre-K through Grade 4. 3 hours each. Teaching under supervision in pre-kindergarten through grade 4. Prerequisite(s): admission to the teacher education program; EDEE 3320, 3380, 4330, 4340, 4350; EDRE 4860. Required for those seeking Pre-K-4 certification. See Student Teaching Program for details. Pass/no pass only.

4103-4104. Student Teaching in Grades 4-8. 3 hours each. Teaching under supervision in grades 4 through 8. Prerequisite(s): admission to teacher education program; EDEE 3320, 3380, 4330, 4340, 4350; EDRE 4860. Required for those seeking grades 4-8 certification. See Student Teaching Program for details. Pass/no pass only.

4330. Science in Grades EC-8. 3 hours. (3;0;16) Subject matter background and material organization for an integrated science program in the primary/elementary/middle school. Students experience firsthand the scope and sequence of science education in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): admission to the teacher education program, which includes participation in a field-based program, EDEE 3320, 3380; all courses in the reading/English/language arts part of the academic major; required core and academic major science courses and DFEC classes.

4340. Social Studies in Grades EC-8. 3 hours. (3;0;16) Principles of teaching social studies in the primary/elementary/middle school. Students observe social studies instruction and materials in real settings, apply principles of social studies instruction in classroom settings and experience firsthand the scope and sequence of the curriculum in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place in a school setting. Prerequisite(s): admission to the teacher education program, which includes participation in a field-based program, EDEE 3320, 3380; all courses in the reading/English/language arts part of the academic major; required core and academic major social studies courses and DFEC classes.

4350. Mathematics in Grades EC-8. 3 hours. (3;0;16) Principles in mathematics teaching and learning based on national curriculum and assessment standards. The learning process in the development of mathematical thinking and skills in children. Students observe mathematics instruction and materials in real settings and experience firsthand the scope and sequence of mathematics in a primary/elementary/middle school setting. Assignments, directed field experience and other class activities take place on site in a school setting. Prerequisite(s): admission to the teacher education program, which includes participation in a field-based program, EDEE 3320, 3380; all courses in the reading/English/language arts part of the academic major; required core and academic major math courses and DFEC classes.

4800-4810. Studies in Education. 1-3 hours each. Organized classes for specific program needs and student interest. Prerequisite(s): admission to teacher education and consent of department. Limited-offering basis. May be repeated for credit.

4900-4910. Special Problems. 1-3 hours each.

Reading, EDRE

1200. Developmental Reading. 3 hours. Strategies for improving comprehension of college texts. Includes vocabulary development, comprehension monitoring, critical reading, summarizing and rate flexibility. Credit in this course does not fulfill any degree requirement. Pass/no pass only.

4120. Diagnostic Screening and Corrective Educational Techniques for Elementary Children. 3 hours. Theory and application of mental testing, perceptual evaluations, learning styles, evaluation as diagnostic and screening techniques, utilization of child therapies, developmental approaches in language, and minor projective techniques. Prerequisite(s): admission to the teacher education program, EDRE 4820.

4450. Reading and Writing (Birth through Grade 4). 3 hours. (3;0;0) Examines theoretical and practical aspects of emergent literacy. The course focuses on developmentally appropriate practices that foster motivated, strategic readers and writers. Emphasizes development of early language and pre-literacy skills, common school literacy practices, parental/social influences and affective elements related to early reading. Includes an additional hour of field experience per week. Prerequisite(s): admission to the teacher education program and DFEC 3123.

4800-4810. Studies in Education. 1-3 hours each. Organized class for program needs and student interest needs. Prerequisite(s): consent of department. Limited-offering basis. May be repeated for credit.

4820. Reading and Writing in Grades 4-8. 3 hours. Examines reading and writing processes, the development of reading and writing abilities and skills, theories and models of reading, the nature of the balanced reading program, instructional strategies, planning and materials for the 4-8 literacy learning environment. Prerequisite(s): admission to the teacher education program.

4840. Linguistically Diverse Learners. 3 hours. Designed to enhance the awareness and understanding of pre-service teachers regarding the linguistically diverse learner. Includes study of the language and learning needs of language minority students, the affective aspect of the immigrant and refugee experience, and the impact of that experience on academic and linguistic development. Students will explore how to make practical application of course content in both the regular and the English-as-a-Second-Language classrooms. Prerequisite(s): admission to the teacher education program; EDRE 4450 and 4820 (may be taken concurrently); LING 3060 (may be taken concurrently).

4850. Assessment and Evaluation of Reading. 3 hours. Examines a variety of assessment and evaluation strategies that are appropriate for the classroom teacher to utilize. Although both formal and informal procedures are introduced, the main focus is on non-intrusive, naturalistic procedures. Observations are required. Prerequisite(s): EDRE 4450 or 4820.

4860. Reading and the Language Arts in Grades EC-8. 3 hours. Problems related to the comprehension and expansion of symbols of meaning; the interrelationship of reading with other areas of language arts. Prerequisite(s): admission to the teacher education program, which includes participation in a field-based program; EDEE 3320 and 3380; required courses in the reading/English/language arts part of the academic major and required DFEC courses.

4870. Cross-Curricular (Content Area) Literacy Materials and Resources. 3 hours. Prepares pre-service teachers within both EC-4 and 4-8 certificate programs to plan for and implement literacy instruction across the curriculum. Selecting, evaluating and using developmentally and culturally appropriate materials and resources will be a focus as well as using content literacy strategies which support independent reading and writing in the content areas. Prerequisite(s): admission to the teacher education program; EDRE 4450 (for EC-4) or EDRE 4820 (for 4-8).

4900-4910. Special Problems. 1-3 hours each.

Secondary Education, EDSE

3800. Legal, Organizational and Professional Issues in Teaching. 3 hours. An overview of American secondary education, including history, purposes, legal bases, school organization, education as a profession and analysis of characteristics required for professional success. Prerequisite(s): junior standing and admission to teacher education. May be taken concurrently with EDSE 3830 and/or 4840.

3830. Teaching/Learning Process and Evaluation. 3 hours. Examines the processes of learning and the phenomena of adolescent development as they relate to teaching in the secondary school. Prerequisite(s): EDSE 3800 and admission to teacher education, or permission of program area.

4060. Content Area Reading in Secondary Schools. 3 hours. (0;0;3) Provides an overview of the reading process with emphasis on reading to learn in the secondary school content areas. Course provides knowledge and skills for identifying reading problems, modifying instructional materials and processes, and using writing to promote learning and thinking in the content areas. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): EDSE 3800 and admission to teacher education.

4070. Teaching Diverse Populations. 3 hours. (0;0;3) Provides knowledge and skills required for developing and implementing challenging instruction for students who are culturally different, students who receive special education services and students who are identified as gifted and talented. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): EDSE 3800 and admission to teacher education.

4108-4118. Student Teaching in the Secondary School. 3 hours each. Teaching under supervision. Prerequisite(s): EDSE 3800, 3830 and 4840, and senior standing. Required for those seeking secondary certification. See Student Teaching Program for details. Pass/no pass only.

4800-4810. Studies in Education. 1-3 hours each. Organized classes for program needs and student interest. Prerequisite(s): consent of department. Limited-offering basis. May be repeated for credit.

4840. Instructional Strategies and Classroom Management. 3 hours. (0;0;3) Provides knowledge and skills required for organizing and directing various instructional strategies in the secondary classroom. Content includes teaching strategies, approaches to classroom management and discipline, student motivation, student and teacher assessment and evaluation, and the use of media and technology in the classroom. Instruction, assignments, directed field experience and other class activities may take place on site in a school setting. Prerequisite(s): EDSE 3800 and admission to teacher education. Must complete 55 hours of field experience in a PDS.

4900-4910. Special Problems. 1-3 hours each.

Technical Writing

see *Graduate Catalog*

Technology and Cognition

Applied Technology, Training and Development, ATTD

1100. Introduction to Keyboarding and Document Formatting. 3 hours. An entry-level course designed for students who have had no more than one term/semester of typewriting/keyboarding in high school or prior college credit. The course allows students to learn proper keyboard techniques, how to format documents and explore popular word processing programs.

3010. Personal Development. 3 hours. Course provides opportunities for students to develop themselves professionally. Special emphasis is placed on image development for a chosen career and strategy development to launch that career. Time management, money management, business etiquette, selecting mentors and role models are also addressed.

4070. Principles of Leadership, Empowerment and Team Building. 3 hours. The nature and scope of leadership and empowerment as it relates to applied technology and industrial training environments; the techniques for leadership, empowerment and team building are emphasized. Prerequisite(s): junior standing or consent of department.

4100. Principles of Training and Development. 3 hours. Investigates the design, delivery and evaluation of training and development programs. The relationship of modern technology and training theories are addressed.

4110. Instructional Design in Career and Technical Education. 3 hours. Development and use of resources for preparing contextual learning and instruction, presenting lessons and assessing learner performance. Strategies for infusing employability skills, work-based learning and applying instructional technology.

4120. Instructional Strategies in Career and Technical Education. 3 hours. Basic instructional techniques and media commonly utilized in applied technology, training and development; emphasis is placed on illustrated presentations and technical demonstrations.

4121. Technical Presentation Skills. 3 hours. Emphasis on technical presentation skills and electronic presentation media commonly utilized in training and development. Topics such as developing an audience profile, arranging facilities, topic introduction techniques, questioning and summary strategies are addressed.