CURRICULAR AND INSTRUCTIONAL STUDIES (5500)

5500:223 Urban Youth Mentoring (3 Credits)
Urban youth mentoring and mentorship theory and practice in school-based settings; including the completion of 30 hours of urban mentorship field experience.
Gen Ed: Tier 3 - Complex Systems

5500:230 Educational Technology (3 Credits)
Prerequisite: 13-15 sem. hrs. with a 'C' or better in specific GenEd courses; 5100:200 (may be taken as prerequisite or corequisite); FBI/BCI background checks. Effectively identifying, locating, evaluating, designing, preparing, and efficiently using educational technology as instructional resource in the classroom to support learning and teaching.

5500:240 Foundations of Literacy (3 Credits)
Focus on building blocks of teaching children how to read with an emphasis on literacy development and an emphasis on research-based components of reading instruction.

5500:241 Word Study, Phonics & Spelling (3 Credits)
Prerequisite: 5500:240. Candidates will explore a variety of genres, types of texts, resources, and instructional strategies to maximize students' comprehension, fluency, and vocabulary growth.

5500:245 Understanding Literacy Development & Phonics (3 Credits)
Prerequisite: admission to Teacher Preparation Program. Children's literacy development is explored through an integrated instructional model, with emphasis on the role of comprehension, phonics, and functional spelling in language learning. (10 hours of service learning)

5500:251 Teaching Personal Finance in the PK-12 Classroom (3 Credits)
Teacher candidates learn best practices in planning and implementing standards-based personal finance and economic instruction.

5500:286 Teaching Multiple Texts (3 Credits)
Prerequisite: 5500:240. Candidates will explore a variety of genres, types of texts, resources, and instructional strategies to maximize students' comprehension, fluency, and vocabulary growth.

5500:308 Instructional Design and Assessment (6 Credits)
Prerequisites: 5100:220 and 5610:225. Theoretical and practical foundations for standards-based instruction and assessment; including instructional design, assessment development, and classroom practice for all learners in diverse and inclusive settings. 30 Field Hours.

5500:310 Instructional Design (3 Credits)
Prerequisites: 5100:210, 5100:211, and admission to College of Education. Corequisite: 5500:311. Design and teach lessons using instructional models, strategies, and resources for students with different characteristics and design appropriate assessments to measure content mastery.

5500:311 Instructional Resources (3 Credits)
Prerequisites: 5100:210, 5100:211; Corequisite: 5500:310. Examines existing and developing media, technological, human and environmental resources as they relate to learning. Includes identifying, locating, evaluating, using, designing, and preparing educational resources.

5500:320 Diversity in Learners (3 Credits)
Prerequisites: 5100:210, 5100:211. Students learn to appreciate common core culture, the diversity in the student population and the democratic ideal of equal access to educational opportunity. (10 hours of field experience included.)

5500:330 Classroom Management (3 Credits)
Prerequisites: 5100:210, 5100:211. Content regarding effective organization of the classroom as well as procedures and models for mediation of student behaviors will be presented.

5500:341 Laboratory Practicum in Reading (3 Credits)
Prerequisite: 5500:445. Laboratory experience with classroom, small groups and individual situations. A student diagnoses, implements procedures and follows prescribed reading improvement practices. (25.5 field hours)

5500:352 Teaching Mathematics to Inclusive Early Childhood Settings (3 Credits)
Prerequisite: 5500:308. To examine and to know the standards-based mathematics curriculum and the instruction appropriate for inclusive early childhood ecologies.

5500:360 Educational Planning: Instruction, Assessment and Classroom Management (3 Credits)
Prerequisites: 5500:230, 5100:200, 5100:220; 5610:225; prerequisite or corequisite: 5100:300. Theoretical foundations for standards-based thematic units and lesson plans, classroom assessment and organization, including procedures and models for mediating student behavior and classroom management.

5500:370 Educational Implementation: Instruction, Assessment and Classroom Management (3 Credits)
Prerequisites: 5500:360, 5100:300. Interpretation and application of standards-based thematic units and lesson plans; classroom assessment and organization, including mediation of student behaviors and classroom management.

5500:430 Clinical Teaching I (3 Credits)
Prerequisite: 5500:308. Corequisite: 5300:420. Observe and apply education methodologies and theories in a school/classroom field-based environment. (50 clinical hours)

5500:431 Clinical Teaching II (3 Credits)
Prerequisites: 5300:420 and 5500:430. Corequisite: 5300:421. Course following Clinical Teaching I - Apply education methodologies and theories in a classroom environment in a full-time school environment. (640 clinical hours)

5500:439 Engineering for Educators (3 Credits)
Prerequisite: 5500:308. Engineering design concepts and their applications course for teachers/teacher candidates. Students will engage in engineering problem solving activities and design lesson plans that address science and engineering practices. (Next Generation Science Standards)

5500:440 Literacy in the Content Areas (3 Credits)
Prerequisite: 5500:308. Prepare candidates to understand issues and use methods and materials to promote disciplinary literacy in middle and secondary classrooms (20 hours clinical).

5500:442 Teaching Reading to Culturally Diverse Learners (3 Credits)
Prerequisites: 5500:245, 5500:286. The course is designed to provide students with knowledge, skills, and attitudes that will enable employment of effective methods of teaching reading to culturally different learners and/or learners whose language patterns are nonstandard.
5500:445 Assessment and Instruction in Literacy (3 Credits)
Prerequisites: 5500:240, 5500:241, and [5500:286 or 5500:480]. This course explores the assessment of students’ progress in language literacy. Formal and informal instruments identifying progress in reading, writing, speaking, and listening are examined.

5500:450 Nature, History, and Philosophy of Science (3 Credits)
(May be repeated with a change in topic). Provides opportunities to examine the historical and philosophical perspectives of science in an online medium and the impact of science and technology on society.

5500:455 Literacy for Multiage Licensure (3 Credits)
Prerequisite: Admission to Teacher Education Program. Organizing instruction, use of oral language development protocols, strategies for word skill development, comprehension and assessment as they relate to content areas.

5500:456 Scaffolding Language and Content Learning for English Learners (3 Credits)
Prerequisite: 3300:473. This course prepares students to use quality, research-based sheltered instruction for improving teaching effectiveness and accelerating academic achievement achievement for English learners.

5500:458 Inclusive Field Experience (1 Credit)
Corequisite: 5610:457. In this inclusive field experience, teacher candidates explore the challenges and best practices in providing quality educational services for all learners. (20 field hours)

5500:475 Instructional Technology Applications (3 Credits)
Prerequisite: 5500:230 and 5500:360. Focus on developing learner competencies in the use of instructional technologies to enhance both the instructor’s personal and professional productivity.

5500:480 Special Topics: Curriculum & Instruction (1-6 Credits)
Group study of special topics of critical, contemporary concern in professional education. (May be repeated with a change in topic)

5500:484 Principles of Bilingual/Multicultural Education (3 Credits)
An introduction to the theoretic, cultural, sociolinguistic bases of bilingual/multicultural education. Legislation, court decisions, program implementation included.

5500:485 Teaching Literacy to English Learners (3 Credits)
Prerequisite: Admission to the College of Education. Course applies methodologies for teaching literacy to English learners, assessment of literacy skills and development of materials. 12 field hours of field experience are required.

5500:486 Teaching Mathematics, Social Studies & Science to Bilingual Students (3 Credits)
Prerequisites: Completion of all age-appropriate methods courses. Course applies methodologies for teaching mathematics, science, social studies in the bilingual/multicultural classroom. The bilingual student’s native language stressed.

5500:487 Techniques of Teaching English as a Second Language (3 Credits)
Course includes teaching language skills to Limited English Proficient students in grades K-12, administration of language assessment tests, selection and evaluation of materials. (10 field hours)

5500:488 Practicum: Teaching English as a Second Language (2 Credits)
Prerequisites: 5500:485 and 5500:487. A practical experience in which teacher candidates observe, participate, and practice teaching in an ESL classroom under the supervision of an experienced, certified/licensed teacher.

5500:490 Workshop: Curriculum & Instruction (1-3 Credits)
Emphasizes development of teaching devices and/or curriculum units, demonstration of teaching techniques.

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5500:492 Workshop: Curriculum & Instruction (1-3 Credits)
Emphasizes development of teaching devices and/or curriculum units, demonstration of teaching techniques.

5500:497 Independent Study (1-3 Credits)
Prerequisite: Permission of advisor and department chair. Specific area of curriculum investigation pertinent to the general curriculum and instruction area as determined by student’s academic needs.