Curriculum and Instruction (C&I) Courses

C&I 4203. Models of Teaching in the Content Areas of the Secondary School. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Not required for music majors. Study of curricular, instructional, and management approaches to subject areas taught in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management for the content areas. This course may be offered in multiple sections according to subject-matter emphasis. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4646 Clinical Teaching: Grades 7-12. Field experience. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4213. Approaches to Teaching Music. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Designed to provide preservice music teachers with the necessary knowledge and skills to prepare for successfully planning, implementing, and evaluating music instruction. Field experience required. Generally offered: Fall. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4223. Models of Teaching in the Content Areas of the Secondary School—Mathematics. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to mathematics in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. Field experience. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4233. Models of Teaching in the Content Areas of the Secondary School—Social Studies. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to social studies in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4646 Clinical Teaching: Grades 7-12. Field experience. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4243. Models of Teaching in the Content Areas of the Secondary School—Science. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to mathematics in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4646 Clinical Teaching: Grades 7-12. Field experience. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4253. Models of Teaching in the Content Areas of the Secondary School—English Language Arts/Foreign Language/Art. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to English Language Arts and Foreign Languages in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4646 Clinical Teaching: Grades 7-12. This course must be completed with a grade of "C-" or better for it to serve as a prerequisite for C&I 4716 Clinical Teaching: All Level EC-12. Field experience. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4263. Models of Teaching in the Content Areas of the Secondary School—Music. (3-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Study of curricular, instructional, and management approaches to music in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course may be offered in multiple sections to accommodate choral and instrumental music instruction. This course must be completed with a grade of "C-" or better for it to serve as a prerequisite for C&I 4716 Clinical Teaching: All Level EC-12. Field experience. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.
C&I 4303. Approaches to Teaching Social Studies Incorporating Language Arts and Fine Arts EC–6. (2-2) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, C&I 4353, C&I 4403, ECE 4203, and LTED 3823. Concurrent enrollment in ECE 4143 and LTED 4833 is required. May not be taken concurrently with C&I 4353, C&I 4403, ECE 4203 or LTED 3823. A study of methods, materials, and processes for teaching social studies incorporating the language arts and fine arts. Topics include the effective implementation of social studies curriculum, instruction, assessment and evaluation from EC–grade 6. Special emphasis is placed on integrating the various social sciences through thematic teaching. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4616 Clinical Teaching: Early Childhood–Grade 6. Restricted course; advisor code required for registration. Field experience required. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4353. Approaches to Teaching Science EC–6. (2-2) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, ECE 3143, ECE 3313, and ECE 3603. Concurrent enrollment in C&I 4403, ECE 4203 and LTED 3823 is required. A study of pedagogical approaches, materials, and resources designed to support children’s meaningful exploration, discovery, and construction of basic concepts and skills in EC–Grade 6. Emphasis in the course will be on the interrelatedness of science in the daily lives of students, unifying concepts and processes common to all sciences, development of effective learning environments for science both inside and outside of the classroom, planning and implementation of inquiry-based science lessons, assessment of student learning, and the use of an integrated approach to teaching. This course must be completed with a grade of "B-" or better for students to enroll in Block C courses. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4616 Clinical Teaching: Early Childhood–Grade 6. Restricted course; advisor code required for registration. Field experience required. (Same as BBL 4353. Credit cannot be earned for both C&I 4353 and BBL 4353.) Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4403. Approaches to Teaching Mathematics EC–6. (2-2) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program, ECE 3143, ECE 3313, and ECE 3603. Concurrent enrollment in C&I 4353, ECE 4203 and LTED 3823 is required. This course involves the study of instructional methods and materials that support diverse children's meaningful exploration, discovery, and development of basic concepts and skills in mathematics from EC–Grade 6. Emphasizing a constructivist approach to the teaching and learning of mathematics, this course also advances the use of technology to facilitate mathematics understanding. Attention will be given to understanding the interrelatedness of mathematics and other content areas, creating effective learning environments, planning and implementing lesson plans to meet the differentiated needs of a wide variety of learners, and assessing student learning in mathematics. This course must be completed with a grade of "B-" or better for students to enroll in Block C courses. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4616 Clinical Teaching: Early Childhood–Grade 6. Restricted course; advisor code required for registration. Field experience required. (Same as BBL 4403. Credit cannot be earned for both C&I 4403 and BBL 4403.) Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4433. Approaches to Teaching Science–Grades 4–8. (3-0) 3 Credit Hours.
Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in C&I 4443, C&I 4603, C&I 4623, and LTED 3533 in semester prior to clinical teaching. Study of curricula, instructional, and management approaches to teaching science grades 4–8. This course emphasizes a constructivist approach in developing inductive and inquiry teaching methods. Special emphasis is placed on the integration of technology in diverse learning environments. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4413. Credit cannot be earned for more than one of the following: BBL 4443, C&I 4413, or C&I 4433.) Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4443. Approaches to Teaching Mathematics–Grades 4–8. (3-0) 3 Credit Hours.
Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in C&I 4443, C&I 4603, C&I 4623 and LTED 3533 in semester prior to clinical teaching. Study of curricula, instructional, and management approaches to teaching mathematics grades 4–8. This course emphasizes a constructivist approach to the teaching of mathematics, including the use of technology in diverse learning environments. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4423. Credit cannot be earned for more than one of the following: BBL 4443, C&I 4423, or C&I 4443.) Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4543. Approaches to Teaching Social Studies–Grades 4–8. (3-0) 3 Credit Hours.
Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in C&I 4553, C&I 4603, C&I 4623, and LTED 3533 in semester prior to clinical teaching. This course emphasizes student-centered curricula that meet the needs of diverse students in grades 4–8. Preservice teachers examine models of teaching and learning to develop the knowledge, values, and experiential bases necessary for effective teaching. Students will demonstrate proficiency by creating lesson plans that specifically address the 4th–8th grade Social Studies standards as well as integrate other content, incorporate technology, and address diversity. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4513. Credit cannot be earned for both C&I 4543 and C&I 4513.) Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4553. Approaches to Service-Learning in Social Studies–Grades 4–8. (3-0) 3 Credit Hours.
Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in C&I 4443, C&I 4543, C&I 4603, C&I 4623, and LTED 3533 in semester prior to clinical teaching. This course examines the philosophy, methodology, and components of service-learning. Service-learning is the engagement of students in activities designed to address or meet a community need, where students learn how their service makes a difference to themselves and in the lives of the service recipients, and where learning is intentionally linked to academics. Students will design a service-learning project having social studies as the focus. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4523. Credit cannot be earned for both C&I 4553 and C&I 4523.) Course Fees: LRH1 $10; STF1 $57; STSH $15.
**Curriculum and Instruction (C&I)**

C&I 4603. Classroom Management Strategies–Grades 4–8. (3-0) 3 Credit Hours.
Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in C&I 4433, C&I 4443, C&I 4623, and LTED 3533 in semester prior to clinical teaching for Grades 4–8 Mathematics/Science Certification Option; Concurrent enrollment in C&I 4543, C&I 4553, C&I 4623, and LTED 3533 for Grades 4–8 Language Arts/Reading/Social Studies Certification Option. Students who have not completed C&I 4543, C&I 4553, C&I 4623, and LTED 3533 will be required to do so in advance of the clinical teaching semester. A grade of "B-" or better is required for C&I 4603. The course involves planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. This course provides the opportunity for students to work with students in grades 4-8 in school settings under the supervision of a university instructor. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4626 Clinical Teaching: Grades 4–8. Course Fees: LRH1 $10; STF1 $57; STSH $30.

C&I 4626. Clinical Teaching: Grades 4–8. (0-0) 6 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program; completion of all requirements to the 4–8 clinical teaching semester, including all relevant TExES examinations, and completion of 21 semester credit hours: C&I 4603, EDP 3303, ESL 3063, MAT 1023, LTED 3533, LTED 3633, LTED 3803. A grade of "B-" or better is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. 4–8 Generalist students: A grade of "B-" or better is required for LTED 3533. A grade of "C-" or better is required for C&I 4603. 4–8 Mathematics/Science students: The following courses completed with a grade of "B-" or better: C&I 4433, C&I 4443, C&I 4603, LTED 3523, and LTED 3533. 4–8 Language Arts, Reading, and Social Studies students: The following courses completed with a grade of "B-" or better: C&I 4543, C&I 4553, LTED 3523, LTED 3533, LTED 3633. 4–8 ESL students: Completion of a minimum of 15 semester credit hours of the ESL specialization; and completion of ESL 4003, EDU 2103, EDP 3303, EDP 4203, or BBL 5053. 4–8 Bilingual students: Completion of all requirements for admission to the Bilingual 4–8 clinical teaching semester, and completion of 15 semester credit hours of Professional Education: BBL 4033, BBL 4063, BBL 4073, BBL 4533, BBL 4403, and LTED 3823. Full semester of full-day clinical teaching in a regular or bilingual EC–grade 6 classroom under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Seminars explore issues in teaching practice. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $30.

C&I 4616. Clinical Teaching: Early Childhood–Grade 6. (0-0) 6 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program; completion of all requirements for admission to the EC–6 clinical teaching semester, and completion of 18 semester credit hours of Professional Education: BBL 4033, BBL 4063, BBL 4073, BBL 4533, BBL 4403, and LTED 3823. Full semester of full-day clinical teaching in a regular or bilingual EC–grade 6 classroom under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Seminars explore issues in teaching practice. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $30.

C&I 4623. Applied Teaching: Grades 4–8. (3-0) 3 Credit Hours.
Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in C&I 4433, C&I 4443, C&I 4603, and LTED 3533 for Grades 4–8 Mathematics/Science Certification Option; C&I 4543, C&I 4553, C&I 4603, and LTED 3533 for Grades 4–8 Language Arts/Reading/Social Studies Certification Option; C&I 4433, C&I 4443, C&I 4543, C&I 4603, and LTED 3533 for Grades 4–8 Generalist Certification Option. This field experience course provides preservice teachers the opportunity to work with students in grades 4-8 in school settings under the supervision of a university instructor. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for C&I 4626 Clinical Teaching: Grades 4–8. Course Fees: LRH1 $10; STF1 $57; STSH $15.

C&I 4626. Clinical Teaching: Grades 7–12. (0-0) 6 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program and the clinical teaching semester, and completion of C&I 4203, EDP 3203, EDP 4203, and LTED 3773 (English majors must take LTED 3683 instead of LTED 3773). Can lack no more than 6 hours in content subject matter. A grade of "B-" or better in C&I 4203. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. Full semester of full-day clinical teaching in grades 7–12. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Individuals pursuing a Basic Secondary Certificate, Concentration A, will student teach in the single teaching field for which certification is sought. Individuals with two teaching fields will student teach in their major teaching field. Seminars explore issues in teaching practice. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $30.
C&I 4716. Clinical Teaching: All Level EC–12. (0-0) 6 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program; completion of all requirements for the All-Level clinical teaching semester. All Level Physical Education students: Completion of KIN 4203 and KIN 4303 with a grade of "C-" or better. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. All Level Health Education students: Completion of C&I 4203, and EDP 3303 with a grade of "C-" or better. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. Special Education students: All courses required for the degree and certification in All Level special education must be completed prior to clinical teaching. SPE 3653 and SPE 4653 must be completed with a grade of "B-" or better to serve as prerequisites for C&I 4716. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. All Level Music students: Completion of C&I 4203, C&I 4213, EDP 3203, and LTED 3773. A grade of "C-" or better in C&I 4203 and C&I 4213. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. All Level Art students: Completion of all requirements for admission to the clinical teaching semester, and C&I 4203, EDU 2103, EDP 3203 or EDP 3303, EDP 4203, and LTED 3523 or LTED 3773. A grade of "B-" or better in C&I 4203. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. Languages other than English students: Completion of all requirements for admission to the clinical teaching semester, and C&I 4203. EDP 3203, EDP 4203, and LTED 3773. Can lack no more than 6 hours in content subject matter. A grade of "B-" or better in C&I 4203. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. All courses for degree/certification plan must be completed prior to clinical teaching. Full semester of full-day clinical teaching in an elementary or middle school setting and in a high school setting (grades 7–12) in the certificate area sought. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Meets clinical teaching requirements for the All-Level certificate. Seminars explore issues in teaching practice. A grade of "C-" or better is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. Generally offered: Fall, Spring. Course Fees: LRH1 $10; STF1 $57; STSH $30.

C&I 4911. Independent Study. (0-0) 1 Credit Hour.
Prerequisites: Permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree. Course Fee: STSH $5.

C&I 4912. Independent Study. (0-0) 2 Credit Hours.
Prerequisites: Permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree. Course Fee: STSH $10.

C&I 4913. Independent Study. (0-0) 3 Credit Hours.
Prerequisites: Permission in writing (form available) from the instructor, the student’s advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor’s degree. Course Fee: STSH $15.

C&I 4923. Internship in Education. (0-0) 3 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program; a bachelor’s degree; completion of all coursework requirements for the certification program; consent of the Interdisciplinary Education Advising and Certification Center; and consent of the director of clinical teaching. Internships to be jointly supervised by an employing school district and UTSA. Experiences will relate to the intern as the teacher-of-record in the classroom. May be repeated for credit. Course Fee: STSH $15.

C&I 4926. Internship in Education. (0-0) 6 Credit Hours.
Prerequisites: Admission to the Teacher Certification Program; a bachelor’s degree; completion of all coursework requirements for the certification program; consent of the Interdisciplinary Education Advising and Certification Center; and consent of the director of clinical teaching. Internships to be jointly supervised by an employing school district and UTSA. Experiences will relate to the intern as the teacher-of-record in the classroom. May be repeated for credit. Course Fees: LRH1 $10; STF1 $57; STSH $30.