

# CURRICULUM AND INSTRUCTION (C&I)

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## **C&I 160 - Lrng Strat Higher Ed. 1-2 Credits.**

Offered autumn and spring. Instruction and application of college study skills including lecture note taking, time management, reading textbooks, test taking, and critical thinking. Elective credit only.

## **C&I 194 - Freshman Seminar I. 1-6 Credits.**

(R-6) Offered autumn and spring. Prereq., consent of instr. A review and discussion of current research. Topics vary.

## **C&I 195 - Special Topics. 1-5 Credits.**

(R-15) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

## **C&I 287 - Business Communications. 3 Credits.**

Offered autumn and spring. Prereq., WRIT 101 (or higher) or equivalent. Emphasis on consistent and logical approaches to solving communication problems and creating successful communication products.

Gen Ed Attributes: Writing Course-Intermediate

## **C&I 295 - Special Topics. 1-6 Credits.**

(R-6) Offered intermittently. Offerings of visiting professors, new courses, or current topics.

## **C&I 296 - Independent Study. 1-6 Credits.**

(R-6) Offered every term. Prereq., consent of advisor and instr.

## **C&I 298 - Internship. 1-6 Credits.**

(R-6) Offered intermittently. Prereq., consent of advisor, instructor, and director of field experiences. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

## **C&I 341 - Information Managemnt & Design. 3 Credits.**

Offered spring. Prereq., CSCI 172. Emphasis on the development and maintenance of a file management system, application of effective design concepts in the creation of professional print and digital images and documents, and the creation of digital videos for use in education and/or business.

## **C&I 394 - Seminar. 1-9 Credits.**

(R-9) Offered intermittently. Group analysis of problems in specific areas of education.

## **C&I 395 - Special Topics. 1-9 Credits.**

(R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

## **C&I 498 - Internship. 1-6 Credits.**

Offered intermittently. Prereq., consent of chair. Extended classroom experience which provides practical application of classroom learning during placements off campus. Prior approval must be obtained from the faculty supervisor and the Internship Services office. A maximum of 6 credits of Internship (198, 298, 398, 498) may count toward graduation.

## **C&I 501 - Curriculum Design. 3 Credits.**

Underlying principles of design, factors affecting implementation, and evaluation and assessment of K-12 curricula at the student and program levels. Level: Graduate

## **C&I 502 - Philosophy of Education. 3 Credits.**

Open to graduate level students in Education Leadership, Counseling, or Curriculum and Instruction. Same as EDLD 502. Major philosophical schools of thought and leading proponents of each. Concepts of society, the educative process, and the role of education. Level: Graduate

## **C&I 504 - Hist of American Education. 3 Credits.**

Same as EDLD 504. Exploration of the ideas, individuals, and events that have influenced the curriculum, pedagogy, and operation of the American public school, from colonial America to the present time. Level: Graduate

## **C&I 510 - Developmental & Learning Sciences. 3 Credits.**

This is an advanced course that addresses application of psychological concepts in educational settings. This course will focus on theories of development, teaching and learning, and on applications of psychological research to learning, primarily to classroom settings. Level: Graduate

## **C&I 514 - Education Across Cultures. 3 Credits.**

Educational foundations of the study of diversity in American schools. Level: Graduate

## **C&I 515 - Computer/Tchnlgcl Appl in Educ. 3 Credits.**

Prereq., a basic computer course or demonstrated computer literacy. Computer systems and other hardware utilizing various software applications by administrators, counselors, librarians, teachers, and students. Level: Graduate

## **C&I 518 - Inclusion and Collaboration. 3 Credits.**

Legal and ethical issues involved in the responsible inclusion of all individuals with disabilities through multi-disciplinary and collaborative efforts. Level: Graduate

## **C&I 519 - Authentic Assessment. 3 Credits.**

Focus on assessment practices in K-12 classrooms including a wide variety of assessments that meet curricular objectives as well as nationally required standardized exams to meet NCLB mandates. Level: Graduate

## **C&I 520 - Educational Research. 3 Credits.**

Offered every term. Same as EDLD 520. Open to graduate level students in Education Leadership, Counseling, or Curriculum and Instruction majors. An understanding of basic quantitative and qualitative research methodology and terminology, particularly as they are used in studies presented in the professional literature. Level: Graduate

## **C&I 521 - Found Environmental Educ. 3 Credits.**

Offered autumn. Prereq., graduate standing in environmental studies. Same as ENST 521. Problem-solving approach to environmental education; problem identification, research and design and implementation of an educational approach to selected environmental issues. Level: Graduate

## **C&I 524 - Family and Diversity Issues. 3 Credits.**

An overview of different approaches, current issues, and problems involved in working with and supporting families including families from diverse backgrounds. Emphasis is placed on how a child with disabilities affects and is affected by parents, siblings, the extended family, and the community. Strategies for effective communication for the purpose of information sharing and collaborative planning with families are provided. Level: Graduate

## **C&I 525 - Tchg Environmen Science. 1-3 Credits.**

(R-6) Offered spring even-numbered years. Prereq., consent of instr. Same as ENST 525. Identification and examination of potential solutions to environmental problems and their impact on society. Major emphasis on teaching methods as they apply to environmental science. Level: Graduate

**C&I 526 - Transition & Comm Support. 3 Credits.**

Focus on issues and strategies for preparing adolescents and young adults with disabilities for the transition from school to future careers. These issues are discussed within the context of more global efforts to create school-to-career programs in school settings for all students. Level: Graduate

**C&I 527 - Discip Literacy Strat. 3 Credits.**

Offered autumn. Prereq., teaching experience. Advanced theories, models, instructional approaches for using reading/writing for learning in content fields. Emphasis on research, instructional practice, classroom assessment. Level: Graduate

**C&I 530 - Trends & Rsch in Read and Writ. 3 Credits.**

Offered summer odd-numbered years. Survey of current research related to literacy practices in schools/communities. Theories, models, politics of literacy in K-12/Adult education. Level: Graduate

**C&I 534 - Foundation and Principles of International Baccalaureate Programs. 3 Credits.**

This course is designed to provide students with an in-depth knowledge of the foundation and principles of International Baccalaureate Programs. Participants will examine the IB learner profile, the philosophical and pedagogical theories underpinning IB programs, the curriculum framework of the three IB Programs?Primary Years Program (PYP), Middle Years Program (MYP), and Diploma Program (DP), and the role of collaboration and reflection in IB schools. Level: Graduate

**C&I 535 - Teaching and Learning in International Baccalaureate Programs. 3 Credits.**

Prereq., C&I 534 and EDU 202 (for secondary majors) or EDU 395 (for elementary majors). This course explores theory and practice of teaching and learning in IB programs. Participants will study the main learning theories underpinning IB curricular programs, examine examples of lesson plans for each IB program, learn strategies to differentiate instruction, participate in collaborative planning and instructional design, and engage in reflective practices. This course requires a fieldwork experience in IB schools.

**C&I 536 - Assessment and Learning in International Baccalaureate Programs. 3 Credits.**

Prereq., C&I 534 and C&I 535. This course examines the critical role of assessment in IB programs. It addresses both formative and summative assessments as an integral part of the IB curriculum. Participants will learn how to design assessments and create effective feedback strategies based on the learning needs of students. This course requires fieldwork experience in IB schools. Level: Graduate

**C&I 540 - Lang Arts Ped and Prac. 3 Credits.**

Offered summer even-numbered years. Prereq., teaching experience. Advanced theories and instructional approaches for teaching and assessing literacy. Level: Graduate

**C&I 541 - Genre Studies. 3 Credits.**

Offered spring. The purpose of this course is to explore, in depth, several literary genres and to move from a survey approach to an intense focus on the variety of books and poems written for children and young adults. Particular attention will be given to research, authors, and awards in each of the following genres: science fiction, historical fiction, contemporary fiction, modern fantasy, non-fiction, graphic novels and poetry Level: Graduate

**C&I 542 - Superv/Tchg Math. 3 Credits.**

Offered summer odd-numbered years. Curriculum trends, instructional materials, research and supervisory techniques relevant to a modern school mathematics program. Level: Graduate

**C&I 548 - Super Tchg Envir Ed. 3 Credits.**

Offered spring. Design, selection, and evaluation of materials for the teaching of environmental education. Level: Graduate

**C&I 552 - Models of PD Math/Sci. 3 Credits.**

Offered spring even years on-line. Exploration of various models of professional development and the development of implementation plans for workshops and in-service professional development in science and mathematics. Level: Graduate

**C&I 555 - Workshop. 1-6 Credits.**

(R-6) Offered intermittently. Special courses experimental in nature dealing with a relatively narrow, specialized topic of particular current interest. Credit not allowed toward a graduate degree. Level: Graduate

**C&I 556 - Methods Low Incidence Disabil. 3 Credits.**

Offered spring and odd summers. Focus on research-based methods of instruction for students with low incidence disabilities in basic communication, mobility, sensory, and social skills, as well as academic skills (especially literacy and general education curricular access). An introduction to augmentative and alternative communication and life quality today and in the future. An introduction to augmentative and alternative communication (AAC) and assistive technology (AT) is also addressed. A field experience is required. Level: Graduate

**C&I 557 - Graduate Literacy Practicum. 6 Credits.**

Offered intermittently in summer. Prereq., C&I 433 or 533. Based on readers? literacy strengths and needs, practitioners diagnose, devise, and implement instructional strategies for students in grades K-12. Level: Graduate

**C&I 560 - Response to Intervention. 3 Credits.**

Review of evidence-based assessment and instruction techniques in all basic academic areas. Advanced application of general outcome and curriculum-based measures and alignment of these assessments to interventions. Preparation in service as a leader for the implementation of school-wide prevention models. A practicum is required. Level: Graduate

**C&I 561 - Introduction to Gifted/Talented Education. 3 Credits.**

This course provides a broad examination of the historical and philosophical perspectives of education for gifted and talented learners with emphasis on answering the question "What is giftedness?" Issues explored in the course include broad coverage of identification procedures, psychosocial correlates of gifted learners, the nature of intelligence and creativity, instructional options, laws/policies, and current research findings. Level: Graduate

**C&I 562 - Social and Emotional Development of Gifted and Talented Learners. 3 Credits.**

This course provides an overview of current theory and evidence-based practices in understanding the social and emotional development of gifted learners. Topics discussed in class range from research findings addressing social and emotional health and needs of the general population of gifted students to the unique needs of specific sub-groups of gifted students (e.g., gifted girls, gifted and learning disabled, highly creative students, traditionally underrepresented gifted students). Also discussed are guidance, counseling, self-concept and adjustment concerns of gifted students. Level: Graduate

**C&I 563 - Methods and Curriculum for the Gifted and Talented. 3 Credits.**

This is an advanced course in the education of gifted, talented, and creative students which focuses on (1) development of curriculum shown to be effective for gifted learners, and (2) implementation of teaching practices centered on discipline-based knowledge, learning styles, cultural variation, depth and complexity of content, and provisions for case-based, authentic and independent investigation. The purpose of this course is to apply the principles and knowledge obtained in C&I 561 and C&I 562 to the classroom experiences of gifted and talented learners. It is the third course in the Certificate in Gifted and Talented Education series. C&I 561 and C&I 562 are prerequisites for the course. Level: Graduate

**C&I 564 - Planning Programs for the Gifted and Talented. 3 Credits.**

Prereq., C&I 561 and C&I 562. This is an advanced course in the education of gifted, talented, and creative students which addresses program models supported by research, and focuses on the fundamental principles of program design and development for gifted learners. The role of program evaluation and the use of program evaluation models are also stressed. The purpose of this course is to apply the principles and knowledge obtained in C&I 561 and C&I 562 to the classroom experiences of gifted and talented learners. It is the fourth course in the Certificate in Gifted and Talented Education series. Level: Graduate

**C&I 570 - Instructional Technology Found. 3 Credits.**

Same as EDLD 570. General introduction to the field, theory, and profession of instructional technology. Definition of instructional technology; history of the field. Level: Graduate

**C&I 571 - Educ Tech Media. 3 Credits.**

Same as EDLD 571. Principles and practices of instructional design for integration of educational technology. Emphasis on role of technology in contemporary teaching/learning/assessing theory and practice, including learning styles and multiple intelligences. Level: Graduate

**C&I 580 - Dist Lrng Theory & Implem. 3 Credits.**

Same as EDLD 580. Open to graduate level students in Education Leadership, Counseling or Curriculum and Instruction. Introduction to distance learning models and exploration of satellite and computer-mediated course development, implementation, and evaluation. Level: Graduate

**C&I 581 - Plng & Mgt for Tech in Edu. 3 Credits.**

Same as EDLD 581. Open to graduate level students in Education Leadership, Counseling or Curriculum and Instruction. Creating, implementing, maintaining, and evaluating technology plans for educational institutions, including budgets, facilities, and hardware planning. Level: Graduate

**C&I 582 - Ed Tech Trends & Issues. 3 Credits.**

Same as EDLD 582. Exploration of trends and issues in the use of educational technology in a variety of settings. Level: Graduate

**C&I 584 - Authentic App Inst Design. 3 Credits.**

Same as EDLD 584. Development of practical competencies in such components of instructional technology as development, production, materials evaluation, and project management and implementation. Level: Graduate

**C&I 588 - Action Research in Classroom. 3 Credits.**

Readings in research in teaching/learning. Strategies to implement all components of an action research project in a classroom including planning/research design, action, reflection, and sharing. Level: Graduate

**C&I 589 - Professional Project. 3 Credits.**

Culminating course in online master's program. Students demonstrate connections across content areas through a mini-thesis, research-based product that is shared with other professionals through a publication and/or presentation at a conference or workshop. Level: Graduate

**C&I 590 - Supervised Internship. 1-3 Credits.**

(R-9) Offered autumn and spring. Extended classroom experience which provides practical application of classroom learning during placements off campus. Level: Graduate

**C&I 594 - Seminar: Prof Portfolio. 1-9 Credits.**

(R-9) Offered autumn and spring. Prereq., consent of instr. A review and discussion of current research. Topics vary. Level: Graduate

**C&I 595 - Special Topics. 1-9 Credits.**

(R-9) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics. Level: Graduate

**C&I 596 - Independent Study. 1-6 Credits.**

(R-18) Offered autumn and spring. Prereq., consent of instr. Course material appropriate to the needs and objectives of the individual student. Level: Graduate

**C&I 597 - Research. 1-9 Credits.**

(R-9) Offered every term. Prereq., consent of instr. Directed individual research and study appropriate to the back ground and objectives of the student. Level: Graduate

**C&I 598 - Internship. 1-9 Credits.**

(R-9) Offered every term. Prereq., consent of instr. Supervised field experience. Level: Graduate

**C&I 618 - Educational Statistics. 3 Credits.**

Offered spring. Prereq., EDU 421 or equiv., or consent of instr. Same as EDLD 583. Same as EDLD 618. Advanced statistical methods and use of the mainframe computer and microcomputer for data analysis. Use of a recognized statistical package (e.g., SPSS-X) for research applications. Level: Graduate

**C&I 620 - Qualitative Research. 3 Credits.**

Offered autumn. Prereq., C&I 520 or 618, or equiv. Same as EDLD 620. Same as EDLD 583. In-depth review of descriptive, experimental, historiographic, ethnographic, and other qualitative research methods, designs, and approaches. Includes the development of a research proposal. Level: Graduate

**C&I 625 - Quantitative Research. 3 Credits.**

Offered spring. Prereq., C&I 520 and 486 or equiv. and coreq., C&I 618. Same as EDLD 583. Same as EDLD 625. Principles and techniques of quantitative research in educational settings. Students prepare a draft of a research proposal and experience an abbreviated dissertation proposal defense. Level: Graduate

**C&I 630 - Spec Topics in Literacy. 1-3 Credits.**

(R-3) Offered every term. Prereq., consent of instr. Should be taken in conjunction with or immediately prior to comprehensive examinations. In-depth coverage of selected topics in reading and writing related to current literacy issues and practices. Level: Graduate

**C&I 652 - Issues Curr & Instr. 3 Credits.**

Offered autumn odd-numbered years. Prereq., C&I 501 or consent of instr. Curricular and instructional decision making and process, innovation and change, trends and reforms. Controversial issues in education and society related to K-12 curriculum and motivation. Level: Graduate

**C&I 694 - Adv Sem Curr & Instr. 1-9 Credits.**

(R-9) Offered intermittently. Prereq., consent of instr. A review and discussion of current research. Topics vary. Level: Graduate

**C&I 697 - Adv Rsrch Curr & Instr. 1-9 Credits.**

(R-9) Offered intermittently. Prereq., consent of instr. Directed individual research and study appropriate to the back ground and objectives of the student. Level: Graduate

**C&I 699 - Thesis/Dissertation. 1-10 Credits.**

(R-10) Offered every term. Preparation of a thesis or manuscript based on research for presentation and/or publication. Level: Graduate