

EDCI - CURRICULUM & INSTRUCTION

<p>EDCI 500 Curriculum Development. 2 Credits Term Typically Offered: Fall, Spring, Summer Prerequisite(s): Admission to graduate study. Provides a basic graduate level curriculum course to students seeking teaching licensure. Topics of study include: curriculum goals, objectives and lesson planning, teaching models, and assessment. Lecture Hours 2 Department: EDCI/EDF</p>	<p>EDCI 519 Graduate Practicum. 2 Credits Term Typically Offered: Fall, Spring Prerequisite(s): Admission to Teacher Education and consent of instructor. Engages students in 65 hours of supervised practical experience in a classroom. This experience includes: structured observation focusing on cultural and developmental characteristics of children, working with teachers on individual diagnosis of student needs and prescription of student activities, and assisting small groups of students in accomplishing learning tasks. Lab fee required. Valid Criminal background check required. Department: EDCI/EDF</p>
<p>EDCI 511 Inst Strtgs Lang Arts/Chld Lit. 2 Credits Term Typically Offered: Fall Provides an in-depth view of current research and classroom practices for the methods of teaching language arts and children's literature. Emphasis is placed on the pedagogical process of learning language skills and genres. Lecture Hours 2 Department: EDCI/EDF</p>	<p>EDCI 533 Adv Study in Math Instruction. 3 Credits Covers the role of various teaching strategies in maximizing the effectiveness of mathematics classroom instruction, including the use of manipulatives, technology, and different forms of classroom organization. Lecture Hours 3 Department: EDCI/EDF</p>
<p>EDCI 512 Inst Strtgs in Social Studies. 2 Credits Term Typically Offered: Fall Prerequisite(s): Consent of Instructor. Provides an in-depth view of current research and classroom practices for the methods of teaching social studies. Emphasis is placed on the pedagogical process of learning the different branches of social studies. Lecture Hours 2 Department: EDCI/EDF</p>	<p>EDCI 554 TESOL Lang, Culture & Pedagogy. 3 Credits Term Typically Offered: Summer Examines issues of language, culture, and pedagogy in the second/foreign language classroom. Focus is placed on developing cross-cultural competence in the classrooms, with families, and in communities. This course is intended to provide students with an opportunity to reflect on the mutual impact of language, culture, and pedagogy in the learning experiences of ESL/EFL learners. This course enables students to examine their own and others' assumptions about language and culture. More importantly, this course explores culturally and linguistically diverse students' funds of knowledge and critically reflects upon methodologies to extract and use them as assets for teaching. Lecture Hours 3 Department: EDCI/EDF</p>
<p>EDCI 513 Inst Strtgs in Mathematics. 2 Credits Term Typically Offered: Fall Prerequisite(s): Consent of Instructor. Covers the role of various teaching strategies in maximizing the effectiveness of mathematics classroom instruction including the use of manipulatives, technology, and activity-oriented strategies. Students will investigate the use of traditional and constructivist strategies in effective classroom instruction, and will investigate national trends in mathematics education. Lecture Hours 2 Department: EDCI/EDF</p>	<p>EDCI 555 TESOL Second Lang Acquisition. 3 Credits Term Typically Offered: Fall Explores the theories of first and second language acquisition and how they relate to trends in society, education, and related disciplines. The course will discuss current theories in cognitive, affective, and sociocultural domains regarding second language learning. This course will investigate topics in three groups: Universal features of the L2 learner and the L2 learning process that determine the nature and route of acquisition, (2) Individual influences related to differential rate of acquisition in L2, and (3) Sociocultural dimensions that influence L2 learning. The course requires field experiences, group reflections, and self-critique. Participants are expected to complete the required readings and have experience in an ESL classroom, review a textbook, and develop a professional growth portfolio. Lecture Hours 3 Department: EDCI/EDF</p>
<p>EDCI 514 Inst Strtgs in Science. 2 Credits Term Typically Offered: Fall Prerequisite(s): Consent of Instructor. Covers the role of various teaching strategies in maximizing the effectiveness of science classroom instruction including the use of technology and activity-oriented strategies. Students will investigate the use of traditional and constructivist strategies in effective classroom instruction and will investigate national trends in science education. Lecture Hours 2 Department: EDCI/EDF</p>	
<p>EDCI 517 Intgrtn Arts Across Elem Curr. 4 Credits Term Typically Offered: Fall, Summer Prerequisite(s): Admission to Teacher Education. Explores the content and pedagogy for integrating visual arts, music, and drama into a standards-based curriculum. Participants will develop lesson plans for effective arts integration, teaching strategies to address the needs of diverse learners, and assessment and evaluation techniques. Lecture Hours 4 Department: EDCI/EDF</p>	

EDCI 556 TESOL Methods, Assessment, & Eval.	3 Credits	EDCI 577 Assessment of Online Learning Outcomes II.	3 Credits
Term Typically Offered: Spring		Term Typically Offered: Fall (odd years)	
Gives second language teachers a critical understanding of basic concepts and principles in second language teaching. Specifically, the course explores the multi-dimensional nature of the teacher as a learner of teaching, the contexts within which teaching occurs, and the activities and content of second language teaching and learning. The topics include the role of teacher in addition to a series of teaching methods. Students engage in a range of theoretical, pedagogical, and reflective activities. This course requires field experiences, group reflections, and self-critique. The course has been created in accordance with TESOL and CAPE standards. This course focuses on the process of testing and assessing English language learners. It is designed to help students understand the principles, theories, practices, and processes of second language assessment, including an understanding of the movement in language assessment toward more authentic testing. Topics in class include the purposes of assessment, use of evaluation techniques, scaffolding of assessment, formal/informal assessment tools, assessment of oral/written communication and grammar, designing authentic assessment, integration of standardized and authentic assessment, interfacing assessment and instruction, the impact of a first language and culture on assessment, and using students' cultural and linguistic strengths in designing and interpreting assessments.		Creates projects that engage participants in interactive learning strategies in an online environment. Students will implement technology as a tool to enhance instruction. This is the capstone course for the Certificate program.	
Lecture Hours 3		Lecture Hours 3	
Department: EDCI/EDF		Department: EDCI/EDF	
EDCI 572 Intro Educational Technology.	3 Credits	EDCI 584 Student Teaching (K-12).	6 Credits
Term Typically Offered: Fall (even years)		Term Typically Offered: Fall, Spring	
Familiarizes computer technology and software applications designed to effectively integrate technology into instruction.		Prerequisite(s): Approved application to student teach.	
Department: EDCI/EDF		Places the student in a supervised field experience in a K-12 setting that allows the student to demonstrate teaching skills in the classroom with a variety of learners. Students, in collaboration with the mentor teacher, engage students in learning and participate in related experiences associated with the teaching profession. On-site mentoring and university supervision are integral to this experience. Students participate in the Capstone Seminar scheduled throughout the professional semester. A lab fee is required. Valid Criminal background check required.	
EDCI 573 Pedagogical Instructional Design.	3 Credits	Department: EDCI/EDF	
Term Typically Offered: Fall (even years)		EDCI 585 Student Teaching (Elementary).	6 Credits
Provides students with an introduction to the process of instructional design. Students will learn to systematically plan, develop, evaluate, and manage the instructional process and will use this information to create effective instructional materials.		Term Typically Offered: Fall, Spring	
Lecture Hours 3		Prerequisite(s): Approved application to student teach.	
Department: EDCI/EDF		Places the student in a supervised field experience in an elementary setting that allows the student to demonstrate teaching skills in the classroom with a variety of learners. Students, in collaboration with the mentor teacher, engage students in learning and participate in related experiences associated with the teaching profession. On-site mentoring and university supervision are integral to this experience. Students participate in the Capstone Seminar scheduled throughout the professional semester. A lab fee is required. Valid Criminal background check required.	
EDCI 574 Adaptations for Diverse Learners.	3 Credits	Department: EDCI/EDF	
Term Typically Offered: Spring (odd years)		EDCI 586 Student Teaching (Secondary).	6 Credits
Focuses on addressing learning styles, identifying appropriate instructional materials, and implementing state-of-the-art instructional approaches. Students will be introduced to the process of designing instructional strategies for ALL learners.		Term Typically Offered: Fall, Spring	
Lecture Hours 3		Prerequisite(s): Approved application to student teach.	
Department: EDCI/EDF		Places the student in a supervised field experience in a secondary setting that allows the student to demonstrate teaching skills in the classroom with a variety of learners. Students, in collaboration with the mentor teacher, engage students in learning and participate in related experiences associated with the teaching profession. On-site mentoring and university supervision are integral to this experience. Students participate in the Capstone Seminar scheduled throughout the professional semester. A lab fee is required. Valid Criminal background check required.	
EDCI 575 Assessment of Online Learning Outcomes I.	3 Credits	Department: EDCI/EDF	
Term Typically Offered: Spring (odd years)		EDCI 589 Extended Campus Professional D.	1-6 Credits
Utilizing instructional technology learner-centered principles in the application of multi-dimensional approaches in the assessment, evaluation, and measurement of learning outcomes.		Designated course number for professional development credit bearing courses offered by Extended Campus. These credits do not count toward any degree at MSU Billings.	
Lecture Hours 3		Department: EDCI/EDF	
Department: EDCI/EDF		EDCI 590 Internship.	1-6 Credits
EDCI 576 Instructional Materials Design.	3 Credits	Term Typically Offered: Fall, Spring, Summer	
Term Typically Offered: Summer (odd years)		Prerequisite(s): Approved plan of study and approved internship application.	
Prerequisite(s): Consent of instructor.		Corequisite(s): EDCI 597.	
Provides procedures and practice in designing and developing instructional materials. The principles of visual and graphic design and layout will be stressed.		Provides experience in a responsible appointment as an assistant in an appropriate instructional setting. Lab fee required. Valid Criminal background check required.	
Lecture Hours 3		Department: EDCI/EDF	
Department: EDCI/EDF		EDCI 591 Independent Study.	1-6 Credits
		Department: EDCI/EDF	

EDCI 592 Seminar. Term Typically Offered: Fall, Spring, Summer Provides an opportunity to investigate topics at the advanced level pertinent to the area of curriculum and instruction. Department: EDCI/EDF	0.5-6 Credits	EDCI 698 Directed Research Project. Term Typically Offered: Fall, Summer Provides practicing teachers who are pursuing a master's degree the opportunity to engage in a semester-long directed research project. Each student will work closely with a faculty member to develop and conduct a research project and then analyze and present the results of the project. The specific type of research design will vary depending on student interest. Lecture Hours 3 Department: EDCI/EDF	3 Credits
EDCI 593 Workshop. Term Typically Offered: Fall, Spring, Summer Provides an opportunity for experimental study at the advanced level in an area of curriculum and instruction. Department: EDCI/EDF	1-6 Credits	EDCI 699 Thesis. Term Typically Offered: Fall, Spring, Summer Prerequisite(s): EDF 501 or equivalent and an approved plan of study required. This course may be given the grade of "T" until research and writing is completed and accepted within the time limit of the degree. Department: EDCI/EDF	6 Credits
EDCI 594 Clinic. Prerequisite(s): Consent of Instructor. Provides an opportunity to explore and develop advanced skills in working with individuals in appropriate instructional settings. Lab fee required. Valid Criminal background check required. Department: EDCI/EDF	1-6 Credits		
EDCI 597 Contemporary Issues Tchr Educ. Prerequisite(s): Admission to candidacy in Teacher Licensure Program of Study, completion of 75% of program coursework. Corequisite(s): EDCI 590. Provides an issue-focused action research course for students completing graduate level teaching licensure. Topics of study include: drug and alcohol education (10 hrs.); classroom management and discipline; multicultural education; and legal issues in education. Department: EDCI/EDF	3 Credits		
EDCI 610 Curr Theory: Analysis & Pract. Term Typically Offered: Spring, Summer Prerequisite(s): Approved graduate plan of study and prior course in curriculum. Explores past, contemporary, and future directions for curriculum, based on current research. Students will conduct a comprehensive review of the literature in a curricular area of their choice. Department: EDCI/EDF	3 Credits		
EDCI 690 Internship. Term Typically Offered: Fall, Spring, Summer Prerequisite(s): Approved plan of study and approved internship application. Provides experience in a responsible appointment as an assistant in an appropriate instructional setting. Lab fee required. Valid Criminal background check required. Department: EDCI/EDF	1-6 Credits		
EDCI 691 Independent Study. Term Typically Offered: Fall, Spring, Summer Prerequisite(s): Consent of the instructor, approval of the department chairperson and Dean of Education, and Independent Study contract filed with the Office of Graduate Studies. Provides an opportunity for students of superior academic standing to explore material not covered by regular graduate courses in Curriculum and Instruction. Department: EDCI/EDF	1-6 Credits		
EDCI 697 Critical Issues in Education. Term Typically Offered: Spring, Summer Prerequisite(s): Successful completion of EDF 501 or approved equivalent and be in good standing. Provides experiences in reviewing literature on current issues in education with an emphasis on the synthesis of this research into written and oral presentations. Lecture Hours 3 Department: EDCI/EDF	3 Credits		