**EDCI - CURRICULUM & INSTRUCTION**

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

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

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

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

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

EDCI 517 Intqrntg 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
EDCI 556 TESOL Methods, Assessment, & Evaluation. 3 Credits
Term Typically Offered: Spring
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 teaching in relation 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.
Lecture Hours 3
Department: EDCI/EDF

EDCI 572 Intro Educational Technology. 3 Credits
Term Typically Offered: Fall (even years)
Familiarizes computer technology and software applications designed to effectively integrate technology into instruction.
Department: EDCI/EDF

EDCI 573 Pedagogical Instructional Design. 3 Credits
Term Typically Offered: Fall (even years)
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.
Lecture Hours 3
Department: EDCI/EDF

EDCI 574 Adaptations for Diverse Learners. 3 Credits
Term Typically Offered: Spring (odd years)
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.
Lecture Hours 3
Department: EDCI/EDF

EDCI 575 Assessment of Online Learning Outcomes I. 3 Credits
Term Typically Offered: Spring (odd years)
Utilizing instructional technology learner-centered principles in the application of multi-dimensional approaches in the assessment, evaluation, and measurement of learning outcomes.
Lecture Hours 3
Department: EDCI/EDF

EDCI 576 Instructional Materials Design. 3 Credits
Term Typically Offered: Summer (odd years)
Prerequisite(s): Consent of instructor.
Provides procedures and practice in designing and developing instructional materials. The principles of visual and graphic design and layout will be stressed.
Lecture Hours 3
Department: EDCI/EDF

EDCI 577 Assessment of Online Learning Outcomes II. 3 Credits
Term Typically Offered: Fall (odd years)
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
Department: EDCI/EDF

EDCI 584 Student Teaching (K-12). 6 Credits
Term Typically Offered: Fall, Spring
Prerequisite(s): Approved application to student teach.
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.
Department: EDCI/EDF

EDCI 585 Student Teaching (Elementary). 6 Credits
Term Typically Offered: Fall, Spring
Prerequisite(s): Approved application to student teach.
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.
Department: EDCI/EDF

EDCI 586 Student Teaching (Secondary). 6 Credits
Term Typically Offered: Fall, Spring
Prerequisite(s): Approved application to student teach.
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.
Department: EDCI/EDF

EDCI 587 Extended Campus Professional Development. 1-6 Credits
Designated course number for professional development credit bearing courses offered by Extended Campus. These credits do not count toward any degree at MSU Billings.
Department: EDCI/EDF

EDCI 590 Internship. 1-6 Credits
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

EDCI 591 Independent Study. 1-6 Credits
Department: EDCI/EDF
EDCI 592 Seminar.  
0.5-6 Credits  
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  
EDCI 593 Workshop.  
1-6 Credits  
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  
EDCI 594 Clinic.  
1-6 Credits  
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  
EDCI 597 Contemporary Issues Tchr Educ.  
3 Credits  
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  
EDCI 610 Curr Theory: Analysis & Pract.  
3 Credits  
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  
EDCI 690 Internship.  
1-6 Credits  
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  
EDCI 691 Independent Study.  
1-6 Credits  
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  
EDCI 697 Critical Issues in Education.  
3 Credits  
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.  
Department: EDCI/EDF