

CREATIVITY AND CHANGE LEADERSHIP (CRS)

CRS 509 INTRODUCTION TO THE GIFTED, TALENTED AND CREATIVE LEARNER

3, 3/0

Introduction to giftedness, talent development, and creativity in students, examining both the historical foundations and the current state of the field. Examines characteristics and identification of academically gifted, creative, and talented students from diverse backgrounds and areas of ability who learn at a pace and level that are significantly different than classmates.

Equivalent Course: EDU 509

CRS 530 CREATIVE TEACHING AND LEARNING IN FORMAL AND INFORMAL SETTINGS

3, 3/0

Current best practices to facilitate creative teaching and learning in formal education settings and informal education initiatives in organizations such as museums and clubs.

Strategies to enhance creativity education, engage in creative learning and utilize technology to support students' creative activities. Design creativity curriculum and align with appropriate assessment procedures.

Equivalent Courses: EDL 530, EDU 530

CRS 559 PRINCIPLES IN CREATIVE PROBLEM SOLVING

3, 3/0

Theory and application of the Creative Problem Solving (CPS) process; practice in both individual and group uses for either personal or professional contexts; group work and active participation are expected.

CRS 560 FOUNDATIONS OF CREATIVE LEARNING

3, 3/0

Theory and research that form the foundation of the discipline of creativity studies; development of awareness and understanding of basic principles, select definitions, models, and theories and practice in applying them in a variety of contexts. Group interaction, discussion, and project work are expected.

CRS 570 CREATIVE PROBLEM-SOLVING EXPERIENCES

1, 3/0

Current issues, procedures, and principles of creative thinking and problem solving. Students make observations and discuss and evaluate individual experiences.

CRS 580 CREATIVITY ASSESSMENT: METHODS AND RESOURCES

3, 3/0

Practical information on methods and resources for creativity assessment; review of basic measurement principles and a critique of specific tools used to assess creativity in both education and business. Students receive personal feedback on a number of measures and develop a profile of their own creative strengths.

Equivalent Course: CRS 620

CRS 585 LEARNING STYLE METHODS/RESOURCES FOR CREATIVE AND TALENT DEVELOPMENT

3, 3/0

Applying learning style processes to guide planning for creative and talent development; information and hands-on experience on documenting students' learning style strengths.

CRS 590 INDEPENDENT STUDY

1-3, 0/0

CRS 594 GRADUATE WORKSHOP

1-3, 0/0

Graduate workshop in Creativity and Change Leadership.

CRS 596 CONFERENCE

1-3, 0/0

Conference in Creativity and Change Leadership.

CRS 598 MICRO COURSE

1, 1/0

Graduate-level micro-course in Criminal Justice.

CRS 610 FACILITATION OF GROUP PROBLEM SOLVING

3, 3/0

Prerequisites: CRS/EAD/ELF 559. Advanced strategies for leading small groups through the Creative Problem Solving (CPS) process; mastery of facilitation techniques and skills. Students receive expert feedback on their facilitation skills as they apply creative strategies to real issues. Examines conceptual relationships between facilitation and change leadership; develops basic change leadership skills.

CRS 614 ADVANCED COGNITIVE TOOLS FOR CREATIVE PROBLEM SOLVING

3, 3/0

Prerequisite: CRS 559. A focus on developing students' skills in applying and facilitating advanced creative problem-solving tools that involve diagnostic, visionary, strategic, ideational, evaluative, contextual, and tactical thinking. The cognitive tools are drawn from various fields, such as quality improvement and strategic management, and include decision making and various problem-solving models.

CRS 619 ORGANIZATIONAL CREATIVITY AND INNOVATION

3, 3/0

Prerequisite: CRS 559. Current research and practice related to organizational creativity and innovation. Developing skill in leading innovation and change initiatives in organizations from an applied perspective.

CRS 620 CREATIVITY ASSESSMENT: METHODS AND RESOURCES

3, 3/0

Practical information on methods and resources for creativity assessment; review of basic measurement principles and a critique of specific tools used to assess creativity in both education and business. Students receive personal feedback on a number of measures and develop a profile of their own creative strengths.

Equivalent Course: CRS 580

CRS 621 CURRICULUM DEVELOPMENT IN GIFTED, TALENTED AND CREATIVE EDUCATION

3, 3/0

Prerequisite: EDU or EXE 509. Appropriate curriculum, materials, instructional methods, and evaluation strategies for the development of creativity and the education of individuals who demonstrate gifted behavior and talents. Examines instructional and curricular models, differentiated teaching/learning and creative/critical thinking strategies, and collaboration with the school community.

Equivalent Course: EDU 621

CRS 625 CURRENT ISSUES IN CREATIVE STUDIES

3, 3/0

Prerequisite: CRS 559 or CRS 560. In-depth survey of current issues on the nature or nurture of creativity; skill development in research and scholarship to increase critical thinking skills and general content literacy of creativity practitioners in any discipline; review, analysis, and interpretation of findings from empirical and nonempirical sources, with some emphasis on the background and development of research at the International Center for Studies in Creativity.

CRS 626 CURRICULUM AND PROGRAM DEVELOPMENT FOR GIFTED INDIVIDUALS

3, 3/0

Development of appropriate curriculum, materials, instructional methods, and evaluation strategies for giftedness, creativity, and talent development. Focus on planning, providing, coordinating and evaluating the differentiated teaching and learning environment to challenge and assist students in learning to their highest levels of achievement and developing skill in collaborating with the school community to individualize instruction.

CRS 635 CREATIVITY AND CHANGE LEADERSHIP

3, 3/0

Prerequisites: CRS/EAD/ELF 560 and CRS 625. Culminating activities that cap the Foundations of Creativity strand of the curriculum; understanding and applying the characteristics of change leadership in the context of creativity and Creative Problem Solving (CPS); theoretical and practical launching point for students to examine their future contributions to the field, domain, and discipline by articulating their personal philosophy and definition of creativity; relation of the CPS process and other change methods to the challenge of making lasting change in other disciplines, such as business, education, psychology, sociology, history, philosophy, or the arts or sciences.

CRS 670 FOUNDATIONS IN TEACHING AND TRAINING CREATIVITY

3, 3/0

Prerequisites: CRS 559 and CRS 610 OR AED/ELF 683.

Practical experience in using principles of creative learning, Creative Problem Solving (CPS), and leadership to facilitate groups; guided practice and independent work in realistic teaching/training situations to develop independent learners and reflective practitioners; use of CPS facilitation skills to develop instructional designs and examine ways to modify teaching and leading with CPS in various groups or situations.

CRS 680 DESIGNING AND DELIVERING CREATIVITY EDUCATION

3, 3/0

Prerequisites: CRS 559 and CRS 560 OR EAD/ELF 560

Team-teaching experience in creative studies undergraduate courses under direct supervision of the faculty. With permission of instructor, under special circumstances, team teaching may be done in a school, in industry, or in a special creative problem-solving program.

CRS 689 INTRODUCTION TO RESEARCH METHODS IN CREATIVITY STUDIES

3, 3/0

Prerequisites: CRS 620 or instructor permission. Qualitative and quantitative research methods within the field of creativity. Evaluation and design of empirical research on creativity. Ethical issues related to research involving human participants. Application of course content to create an initial direction for dissertation research. Offered every fall and spring.

CRS 690 MASTER'S PROJECT

3-6, 0/0

Prerequisites: CRS 559 and CRS 610 OR EAD/ELF 683

Development and implementation of an applied project requiring Creative Problem Solving (CPS), change leadership, and facilitation skills; definition and implementation of change initiatives that have a direct impact either on the community or for the field of creativity in general; development of analytical skills in the formation and evaluation of the success of the projects.

CRS 695 THESIS

3, 0/0

Individual investigation of an original problem within Creativity and Change Leadership submitted in acceptable form according to directions given by the Graduate School.

CRS 705 ADVANCED INSTRUCTIONAL DESIGN IN CREATIVITY

3, 3/0

Prerequisites: CRS 560, CRS 625, CRS 670. Experience in advanced design of creativity instruction in the higher education classroom. Demonstrating mastery of creativity content and preparation for teaching experiences. Structured participation in undergraduate courses in creativity and creative leadership. Offered every fall.

CRS 706 ADVANCED INSTRUCTIONAL DELIVERY IN CREATIVITY

3, 3/0

Prerequisite: CRS 705. Supervised teaching experience in an introductory course on creativity studies. Demonstrating mastery of creativity content through instructional delivery. Assessing student learning outcomes and learner performance. Monitoring and adjusting instructional delivery based on student needs. Offered every spring.

CRS 721 THESIS/PROJECT CONTINUATION

0, 0/0

CRS 722 THESIS/PROJECT EXTENDED

0, 0/0

CRS 725 CONTEMPORARY GLOBAL PERSPECTIVES IN CREATIVITY, THEORY, PRACTICE AND RESEARCH

3, 3/0

Prerequisites: CRS 560, CRS 625. Examination of opportunities and issues related to the advancement of creativity around the globe. Individual, societal and global diversity, historical roots and current issues related to the development and practice of creativity and innovation in various cultures. Offered every semester.

CRS 730 FOUNDATIONAL QUALITATIVE RESEARCH METHODS IN CREATIVITY STUDIES

3, 3/0

Prerequisite: CRS 689. Foundational qualitative research methods applicable to creativity research. Data-mining of narrative datasets related to an area of creativity studies. Dataset analysis. Association of various qualitative research designs to appropriate research methods. Preparation for advanced qualitative analysis procedures. Offered every spring.

CRS 731 QUALITATIVE RESEARCH METHODS IN CREATIVITY STUDIES II

3, 3/0

Prerequisite: CRS 730. Application of qualitative research methods to creativity datasets. Advanced qualitative data analysis procedures in the field of creativity. Utilization of a variety of methods such as grounded theory, case study and phenomenology. Qualitative research design with opportunities to disseminate work in the field of creativity. Offered every fall.

CRS 735 ADVANCED APPLICATION OF CREATIVE LEADERSHIP

3, 3/0

Prerequisites: CRS 619 and CRS 635. Examine real-life practices of creative leadership. Explore the process of change leadership with examples of change initiatives. Integrate real-life experiences and theories and concepts of creative leadership. Review the principles of creative thinking and change management models. Culminating course in the doctoral program. Offered every spring.

CRS 740 FOUNDATIONAL QUANTITATIVE DATA ANALYSIS AND STATISTICS IN CREATIVITY STUDIES

3, 3/0

Prerequisite: CRS 689. Foundational statistics and quantitative methods applicable to creativity research, e.g., descriptive and inferential parametric and non-parametric statistical methods. Software programs used for quantitative data analysis. Linking research design with statistical procedures. Preparation for advanced statistical procedures for students who intend to use quantitative methods in their dissertation. Offered every spring.

CRS 741 ADVANCED QUANTITATIVE DATA ANALYSIS AND STATISTICS IN CREATIVITY STUDIES

3, 3/0

Prerequisite: CRS 740. Advanced statistics and quantitative methods in creativity studies, such as multivariate and multiple regression analyses. Assumption and diagnostic testing. Scale development and use of exploratory and confirmatory factor analysis. Assessing the quality of data collection instruments. Critique published work and preparation of research reports based on data analysis. Offered every fall.

CRS 795 MASTER'S THESIS

3-6, 0/0

Prerequisites: CRS 559, CRS 560, and CRS 580. Design and implementation of empirical research (qualitative or quantitative) designed to make new and useful contributions to the field of creativity. Students work closely with faculty and, in many cases, join ongoing programs of research within the department

CRS 899 DISSERTATION

3, 3/0

Prerequisites: CRS 689 and CRS 730 or CRS 740. Students contribute new knowledge to the field of creativity by conducting original empirical research (i.e., qualitative, quantitative, mixed-methods, etc.). Under the supervision of faculty, students can follow a traditional dissertation format or may choose to complete a three-article dissertation. Offered every semester.