

# EDUCATIONAL CORE (EDC)

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## **EDC 106. Culturally Responsive Perspectives. (3 Credits)**

I, II. Students will reflect on how concepts of culture, cultural competency and responsiveness, inclusion, and equity intersect in social and professional settings. By better understanding marginalized populations, students can provide culturally responsive services in diverse communities. Gen. Ed. E-6.

## **EDC 300. Differentiation in Inclusive Classrooms. (3 Credits)**

I, II. Prerequisites: Admission to professional education. Co-requisites: EMS 300W or EMS 300, CED 300. Differentiating instruction for diverse learners in all education settings. Collaboration and planning to address the needs of diverse learners including students with disabilities, English Language Learners, Gifted/Talented, SES. Credit will not be awarded to students who have credit for SED 402. (Clinical experiences are required: if students do not make the requisite passing grade of C in the content course, they must repeat that course, and also complete an additional corequisite clinical experience).

## **EDC 314. Engineering in Classroom Context. (3 Credits)**

I, II. Introduction of engineering and technology to promote problem solving skills, tool use, materials processing, design capabilities, and product completion. Applications for K-8 classrooms are emphasized. 2 Lec/2 Lab.

## **EDC 810. P12 ED/Tech: Critical Issues. (3 Credits)**

Online. Introduction to research about integration of technology into P-12 school systems. Students will also investigate current and future technology advancements in hardware, software, networking, support, and training. Basic issues relating to legal and ethical issues relative to technology will also be introduced.

## **EDC 811. P12 Ed/Tech: multimedia Design. (3 Credits)**

Online. Corequisite: EDC 810. Introduction to multimedia-authoring approaches and research in electronic formats. Students will create web-based instructional courseware. All students will produce and publish a classroom, school, or other education related website.

## **EDC 812. P12 ED/Tech: Online Learning. (3 Credits)**

Online. Corequisite: EDC 810. Understand and apply principles and best practices in online learning as a medium for adding online activities in the P-12 classrooms. Students will evaluate open source software and develop an online course or unit of study using a selected open source system.

## **EDC 813. P12 ED/Tech: Capstone. (3 Credits)**

Online. Prerequisites: EDC 810, 811, and 812. Students will synthesize and integrate theories and practices learned from the three previous courses in the program and apply them toward the development of a culminating educational technology project appropriate to the P-12 environment.