Ursuline College Campus
Gannon University



Instructional Delivery Services

Brain, Mind & Instructional Design Certificate

Course Descriptions

EDI 581 Project Based Learning

This course explores the difference between project-based learning and "doing a project." Gold standard lessons and the essential elements of problem-based learning will be reviewed. Students will design and complete their own project-based learning activity.

EDI 583 Connecting Brain, Mind, and Instructional Design: An Overview

How do humans learn, and how can we design and deliver instruction in a way that expresses the maximum potential of every student? This course is an overview of how the brain gives rise to the mind, learning and intelligence. It also includes a "prep for learning" strategy that involves mindset and grit.

EDI 585 How Brain Processes Give Rise to the Working Mind

How does neuronal and synaptic plasticity generate automaticity and intelligence? This course will explore the many processes that generate intelligence.

EDI 587 How the Mind Generates Instructional Design and Learning

How does perception, cognition and action impact learning? Should students be expected to achieve the same competency levels despite being exposed to different learning experiences? How can instructional design and delivery impact the brain's neurobiological structure of learning? This course answers the above questions and many others through the identification of learning structures that make you, you. This is the third class in the sequence of Mind, Brain and Instructional Design.

Contact Us

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