

**DOMINICAN  
UNIVERSITY**  
of CALIFORNIA  
*School of Liberal Arts and Education*

## **The Brain Science of Regulation**

**EDUO 9950 1 Semester Credit/Unit**

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### **Public Syllabus**

This course is one in a series titled, *Trauma Informed Practices*. The courses are not sequential. They can be taken in any order to meet your professional needs.

*Note: This is a Public syllabus of the course. For a fully detailed syllabus, please email the instructor.*

#### **Course Overview:**

Trauma significantly impacts brain development. Cultivate a deeper neurological understanding of the trauma-affected brain. Critically analyze emotional responses from a trauma-informed lens while planning to teach students about the brain. Gain an understanding of various school-specific regulatory strategies.

#### **Course Relation to CCS or other Professional Standards:**

- Proposition 1: Teachers are committed to students and their learning.
- Proposition 2: Teachers know the subjects they teach and how to teach those subjects to students.
- Proposition 3: Teachers are responsible for managing and monitoring student learning.
- Proposition 4: Teachers think systematically about their practice and learn from experience.
- Proposition 5: Teachers are members of learning communities.

#### **Course Assignments/Modules**

##### **Assignment 1: Introduction**

Write a 1-page statement of purpose

##### **Assignment 2: Trauma, Stress, and the Brain**

Examine the three parts of the brain that are important in a trauma-affected brain in an effort to better understand the various functions. Using the mini lesson template provided, plan to briefly teach one topic from several choices.

##### **Assignment 3: Regulated vs Dysregulated**

Read about what it means for the brain to be regulated and how it's different from exhibiting self-control.

##### **Assignment 4: Regulatory Strategies**

Read about self-regulation from a leader in the field. Then, select and plan for **two** self-regulation strategies that could be introduced in your classroom.

### Assignment 5: Final Thoughts

Write 1-2 paragraphs with a reflection of your learning. What was the most impactful piece of brain science that you discovered? What information are you most excited to share out with your students? Why?

### Course Assessment Rubric

<b>EXCELLENT</b> Meets or Exceeds Course Objectives: A to A-	<b>ACCEPTABLE</b> Majority of Work Meets Course Objectives; B+ to B-	<b>NOT ACCEPTABLE</b> Needs Considerable Improvement: Resubmit Work Suggested: C or below
All work is very well organized.	Most work is generally well organized.	Work shows little or no organization.
Answers are well thought out and demonstrates reflection on the material.	Answers are complete and demonstrate some reflection on the material.	Answers are brief and do not demonstrate any reflection on the material.
Assignment use specific examples and provide a detailed description of how the assignment can be incorporated into a learning environment	Assignment use specific examples or somewhat describes how the assignment can be incorporated into a learning environment	Assignments do not use specific examples or describe classroom incorporation.
All assignments are completed and meet or exceed the page or paragraph requirement.	The majority of the assignments are completed and meet the page or paragraph requirement.	Assignments are not completed and do not meet the page or paragraph requirement
Templates or assignment documents are fully filled out, with thorough elaboration and thoughtful detail put into each component.	Templates or assignment documents are mostly filled out, indicating some thought put into each component.	Templates or assignment documents are not filled out.
Work is free of spelling and/or grammatical errors.	Work has few spelling and/or grammatical errors.	Work has numerous spelling and/or grammatical errors.

- You are allowed 9 months to complete the course
- For questions involving your registration please contact us at [support@dominicanCAonline.com](mailto:support@dominicanCAonline.com) or call (800) 626-5080. To change your address, link to your Dominican Student Account at [https://www.dominicanaonlinestore.com/store/index.php?main\\_page=login](https://www.dominicanaonlinestore.com/store/index.php?main_page=login)
- For Dominican Self-Guided course information, link to <http://dominicancaonline.com/Dominican-CA-Online-FAQ>