ED 589 – CAPSTONE COURSE IN TEACHING, LEARNING AND THE BRAIN

SYLLABUS

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        kmurillo@adams.edu
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         208 Edgemont Blvd.
         Alamosa, CO 81101

COURSE DESCRIPTION:

In this culminating course, students will learn about leadership and neuroethics. We will review the basic principles presented throughout the courses in this certificate. You will become an educational leader who incorporates neuroscience into your teaching daily practices and share with your colleagues your new found knowledge and research regarding how to incorporate brain based practices into a classroom setting. This course will focus on your leadership in implementing certificate material in your school district and community. Finally, we want to be sure you have a clear understanding of neuroethics and the importance ethics plays when conducting and implementing research.

CREDIT HOURS:

3.0

COURSE PREREQUISITES:

Introductory Workshop; Introduction to Neuroscience and Education; Assessment and Intervention.

TEXTBOOK:

No text is required for this course.

SECTION NUMBER: 1627

COURSE TIME LIMITS:

This is an open enrollment course. You will have 1 year from the date of your registration to complete the course. However, in order to make timely progress through the course you are encouraged to follow the schedule that can be found in the "Syllabus and Information" tab.
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STUDENT LEARNING OUTCOMES:

The student will:

Understand the leadership role individuals play in implementing certificate material in their school districts/communities and design a research presentation to present to colleagues and staff.

Review important topics such as attention and brain plasticity and how it relates to learners.

Discuss neuroethics as it relates to certificate material.

COURSE REQUIREMENTS:

Students will be required to complete the readings and content, three discussion boards, 1 final exam and a culminating final research presentation.

Course Instructions:

There will be 3 modules for this course. You will be presented with two reading assignments and corresponding lecture notes for 2 of the 3 modules. After reading all the material assigned, you should complete the module discussion boards. The 3rd module is designed for you to complete your research presentation. There will be one exam associated with the first and second modules. The third module will not have an exam, however you will post your research presentations and use this module to complete your individual research projects.

You will be allowed to take the final module exam after you have completed the related required content. YOU ARE NOT ALLOWED TO USE YOUR BOOK OR NOTES FOR THE QUIZZES OR EXAMS.

All assignments, discussions, and exams will be completed on Blackboard. If you have any questions, concerns, or problems, please do not hesitate to contact either Dr. Mitchell or Kelly Murillo.

COURSE ASSIGNMENTS AND GRADING:

Below is a list of the different assignments that you will complete for this course. Grading rubrics for each of the assignments can be found in the Syllabus and Information link under "Grading Rubrics".

Discussion Assignments:

You will be required to complete 3 discussions boards. One discussion board for each corresponding module. The discussions will be posts that you create in response to reading
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assignments or questions posed to you surrounding the learning module material. Discussion assignments will require you to post a thoughtful response to the question posted. Below is a list of things to consider when posting to the discussion board.

*When posting to the discussion area, please type in your comments directly into the discussion forum. Do not type your comments into a document and then attach it to the discussion, unless specifically advised to do so. This method is difficult for some students to access and breaks the flow of discussion.

* Please be courteous. Don't flame (i.e., post insults, invective, or other personally disrespectful comments) or post flamebait (i.e., deliberately provocative or manipulative material intended or likely to elicit flames).

* Please be careful in the use of sarcasm and irony. Online communication lacks the subtle nonverbal cues that help us interpret such rhetorical flourishes in face-to-face settings, so that it is easy to miss the point or misunderstand. More importantly, it is easy to give or take offense where none is intended. Accordingly, give people the benefit of the doubt, and if you are misunderstood, don't get defensive. You might also consider using such rhetorical devices somewhat less in this medium than you would in ordinary conversation, since they are generally less effective here.

* Please don't post excessively or monopolize the conversation. Remember that multiple shoot-from-the-hip posts are much less effective than fewer carefully-thought-out ones, and that some patience in responding will encourage more contributors with a wider variety of ideas and perspectives to participate.

* Please be tolerant of those who are still learning how to use the Web and this forum (e.g., people who accidentally send multiple copies of the same message, PEOPLE WHO FORGET AND LEAVE THEIR CAPS LOCK KEY ON WHEN TYPING).

Research Presentation:

The major assignment for this course is the research presentation. The research presentation is worth 100 points. The research presentation requires you to create a presentation that details how neuroscience principles can be used in education. In essence, you should create a presentation that teaches someone else what you have learned through the courses in this certificate. Please see the Research Presentation description that can be found under the Assignments link for more information.

Final Exam:

The final exam is worth 50pts and will be a cumulative assessment on your knowledge throughout the certificate courses. You may access the exam in the assessment tab.
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GRADE DISTRIBUTION AND SCALE:

In alignment with ASU academic policies, no D may apply to a major or minor field.

Point Distribution:

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
</tr>
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<tbody>
<tr>
<td>Discussions</td>
<td>75</td>
</tr>
<tr>
<td>Exam</td>
<td>50</td>
</tr>
<tr>
<td>Research Project</td>
<td>100</td>
</tr>
<tr>
<td>Total Points</td>
<td>225</td>
</tr>
</tbody>
</table>

Final Grades:

The online discussion board assignments, the exam and your paper are equally weighted. Your final grade will be based on how many points you earn out of the possible 225 points. Grades will be assigned according to the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>100-93</td>
<td>C</td>
<td>76-73</td>
</tr>
<tr>
<td>A-</td>
<td>92-90</td>
<td>C-</td>
<td>72-70</td>
</tr>
<tr>
<td>B+</td>
<td>89-87</td>
<td>D+</td>
<td>69-67</td>
</tr>
<tr>
<td>B</td>
<td>86-83</td>
<td>D</td>
<td>66-60</td>
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<tr>
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<td>F</td>
<td>&lt;60</td>
</tr>
<tr>
<td>C+</td>
<td>79-77</td>
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ACADEMIC INTEGRITY:

Cheating, plagiarism, unauthorized possession or disposition of academic materials, or the falsification or fabrication of one's academic work will NOT be tolerated. Any offense may result in a zero for the exam or exercise in question and may result in failure of the course. Please refer to the ASU Student Handbook for more information: http://www.adams.edu/pubs

ADA STATEMENT:

Students who need special accommodation to complete this class should contact the instructor and the Adams State University Counseling Center at 719-587-7746