MAE4942 Seminar in Mathematics Education

**Course Description:** The student will learn to discuss and reflect on their development and mastery of the Pre-Professional Florida Educator Accomplished Practices during the completion of their internship in a grades 6-12 mathematics setting. (3 hr. lecture)
Corequisite: MAE4945

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<th>Course Competency</th>
<th>Learning Outcomes</th>
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| **Competency 1:** The student will recognize the role of the teacher by: | 1. Communication  
2. Numbers / Data  
3. Critical thinking  
4. Information Literacy  
5. Cultural / Global Perspective  
6. Social Responsibility  
7. Ethical Issues  
8. Computer / Technology Usage |
| 1. Reflecting on 6-12 students’ mathematical learning experiences and outcomes to plan for instruction.  
2. Identifying instruction that uses a variety of culturally and linguistically relevant materials and resources in 6-12 mathematics settings.  
3. Participating in a variety of professional development activities appropriate to mathematics education. | |
| **Competency 2:** The student will prepare for professional employment by: | 1. Communication  
4. Information Literacy  
6. Social Responsibility |
| 1. Completing and submitting a job application with Miami-Dade County Public Schools System.  
2. Completing and submitting an Instructional Performance Evaluation and Growth System Form. | |
| **Competency 3:** The student will apply continuous improvement experiences by: | 3. Critical thinking |
| 1. Identifying graduate school opportunities that are available in the local community.  
2. Recognizing the importance of educational neuroscience and differentiated instruction in the classroom for diverse learners.  
3. Applying research-based pedagogy in the teaching of the Holocaust.  
4. Applying First Aid and CPR in the classroom setting. | |