COURSE #/TITLE: EP 810: Assessment & Data Analysis

COURSE DESCRIPTION: EP 810 Assessment and Data Analysis is a study in the basic understanding of the approaches and purposes of assessment including the legal, ethical and statistical considerations of measurement. The course will focus on district testing programs, analysis of teacher-made tests and alternative assessment procedures.

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Cell: 412 779 5445

REQUIRED TEXT: Assessment in Special and Inclusive Education
ISBN: 978-133-30755-6

Excerpts from the following texts provided by instructor:

Data Wise: A Step-by-Step Guide to Using Assessment Results to Improve Teaching and Learning

Data Wise in Action: Stories of Schools Using Data to Improve Teaching and Learning

Excerpts from other texts provided by instructor.

MEETINGS: ONLINE
The class will online from May 5 – June 29 at AIU with 8 online/blended learning opportunities to complete the course requirements.
# TENTATIVE COURSE SCHEDULE:

<table>
<thead>
<tr>
<th>Date</th>
<th>Course Topic Activity/Assignment or Documentation</th>
<th>Meets PDE Core/Corollary #’s</th>
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</thead>
</table>
| Week 1 | Review Presentation 1:  
Data Wise Chapter 1: Collaborative Work  
Data Wise In Action Chapter 1  
• Engage in Discussion Questions  
Online and out of class assignments:  
Read Chapter 1: Context for Assessment in Schools  
• Check for Understanding #1 - Post answers to questions 1-4 on page 18.  
• Web Activity #1 - Complete one of the Web Activities.  
• Case Study #1 - Create a data inventory of your school. See page 17 in Data Wise Action.  
• Scholarly Article #1 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection. | C3  
CL3 |
| Week 2 | Review Presentation 2:  
Data Wise Chapter 2: Assessment Literacy  
Data Wise In Action Chapter 2  
• Engage in Discussion Questions  
Online and out of class assignments:  
Read Chapter 2: Legal and Ethical Considerations in Assessment  
• Check for Understanding #2 - Post answers to questions 1-3 on page 30.  
• Web Activity #2 - Complete one of the Web Activities.  
• Case Study #2 - Create an inventory of instructional initiatives for your building. See page 20 in Data Wise Action.  
• Scholarly Article #2 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection. | C3 |
| Week 3 | | C3 |
Review Presentation 3:
Data Wise Chapter 3: Creating a Data Overview
Data Wise In Action Chapter 3
- Engage in Discussion Questions

Online and out of class assignments:
Read Chapter 3: Test Scores and How to Use Them
- Check for Understanding #3 - Post answers to questions 1-4 on page 52.
- Web Activity #3 - Complete one of the Web Activities.
- Case Study #3 – Finding the Starting Point with Data
- Scholarly Article #3 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection.

Week 4
Review Presentation 4:
Data Wise Chapter 4: Digging Into Data
Data Wise In Action Chapter 4
- Engage in Discussion Questions

Online and out of class assignments:
Read Chapter 4: Technical Adequacy
- Check for Understanding #4 - Post answers to questions 1-8 on page 71.
- Web Activity #4 – How can teachers and administrators support all students in reaching their full academic potential through the use of data?
- Case Study #4 – Designing a Data Day – Getting Excited About Data Chpt 9
- Scholarly Article #4 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection.
| Week 5 | Review Presentation 5  
Data Wise Chapter 5: Examining Instruction  
Data Wise In Action Chapter 5  
• Engage in Discussion Questions  
Online and out of class assignments:  
Read Chapter 6: Assessing Behavior Through Observation  
• Check for Understanding #5 - Post answers to questions 1-6 on page 114.  
• Web Activity #5 - Complete one of the Web Activities.  
• Case Study #5 – Capturing our Culture Activity  
• Scholarly Article #5 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection. | C3 |
| Week 6 | Review Presentation 6  
Chapter 8: Curriculum-Based Approaches to Measuring Student Progress; Chapter 9: Managing Classroom Assessment in Assessment in Special Education  
• Engage in Discussion Questions  
Online and out of class assignments:  
• Scholarly Article #6 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection.  
• Prepare Data Overview for your school to Parent Open House or Parent Meeting | C1  
C2  
C3  
CS1  
CS3  
CS6 |
| Week 7 | Develop a PowerPoint Presentation and submit School Data Overview for your school to Parent Open House or Parent Meeting  
Online and out of class assignments:  
• Scholarly Article #7 - Research and locate a scholarly article of choice regarding Using Assessment and Data to Drive Instruction and Improve Education and prepare a 1-2 page reflection.  
• Prepare Action Plan for School Improvement Presentation | C1  
C2  
C3  
CS1  
CS3  
CS6 |
Week 8  |  Final Project: Develop a PowerPoint Presentation and submit Action Plan for School Improvement

STUDENT EVALUATION:

<table>
<thead>
<tr>
<th>Activity/Points/Percent</th>
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<tbody>
<tr>
<td>Data Overview (Week 7)</td>
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<tr>
<td>Project and Presentation-</td>
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<tr>
<td>Action Plan (Week 8)</td>
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<tr>
<td>Case Studies (5 @ 15 each)</td>
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<tr>
<td>Article Reflection (7 @ 10 Each)</td>
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<tr>
<td>Web Activity (5 @ 10 Each)</td>
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<tr>
<td>Check for Understanding (5 @ 5 Each)</td>
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<tr>
<td>Course Discussions (6 @ 10 each)</td>
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<td><strong>Total</strong></td>
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READINGS: As assigned in Syllabus.
PA Leadership Standards as identified in your syllabus

Core Standards (C)

I. Knowledge and skills to think and plan strategically creating an organizational vision around personalized student success.

II. An understanding of standards-based systems theory and design and the ability to transfer that knowledge to the leader’s job as an architect of standards-based reform in the school.

III. The ability to access and use appropriate data to inform decision-making at all levels of the system.

Corollary Standards (CS)

I. Creating a culture of teaching and learning with an emphasis on learning.

II. Managing resources for effective results.

III. Collaborating, communicating, engaging and empowering others inside and outside the organization to pursue excellence in learning.

IV. Operating in a fair and equitable manner with personal and professional integrity.

V. Advocating for children and public education in the larger political, social, economic, legal and cultural context.

VI. Supporting professional growth of self and others through practice and inquiry.