Texas A&M University

Marketable Skills: Doctoral

<table>
<thead>
<tr>
<th>Program:</th>
<th>Online Ed.D in Curriculum and Instruction</th>
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<tr>
<td>Degree:</td>
<td>EdD</td>
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<tr>
<td>Department:</td>
<td>TLAC</td>
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<tr>
<td>Contact Name:</td>
<td>Radhika Viruru</td>
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<td>Contact Phone:</td>
<td>9798458384</td>
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**Outcome**: Master degree-program requirements, including theories, concepts, principles, and practice; develop a coherent understanding of the subject matter through synthesis across courses and experiences; and apply subject matter knowledge to solve problems and make decisions.

**Marketable Skills**
- Synthesize and draw conclusions based upon the selection and implementation of research-based theory and practices
- Translate evidence-based research to instructional practices for teachers and curricular leaders
- Develop appropriate professional development/instructional resources for use in own context.

**Outcome**: Apply a variety of strategies and tools, use a variety of sources, and evaluate multiple points of view to analyze and integrate information and to conduct critical, reasoned arguments.

**Marketable Skills**
- Identify the differences between traditional and action research frameworks.
- Use assessment data to evaluate curricular decisions and develop targeted action plans
- Create innovative solutions for educational problems with new knowledge of curricular design and instructional research-driven practices

**Outcome**: Communicate effectively.

**Marketable Skills**
- Communicate written information to a variety of stakeholders.
- Create outcomes for dissemination to classroom, school, district, and community stakeholders
- Define academic integrity and identify strategies that can enhance it including rephrasing complex information.

**Outcome**: Develop clear research plans, conduct valid, data-supported, theoretically consistent, and appropriate venues to a range of audiences.

**Marketable Skills**
- Conduct action-research projects
- Identify approaches to research based on goodness of fit of method to research question.
- Identify the reasons why literature reviews are essential for research.

**Outcome**: Use appropriate technologies to communicate, collaborate, conduct research, and solve problems.

**Marketable Skills**
- Analyze various instructional and educational technologies for the purpose of enhancing student learning and improving student outcomes.
- Evaluate the effectiveness of educational technology and technological tools in instruction and assessment
- Identify ways in which technology can enrich professional development activities

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<tr>
<th>Outcome</th>
<th>Teach and explain the subject matter in their discipline.</th>
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| Marketable Skills | • Translate research into accessible language appropriate for students at both the community college and university level.  
• Translate research into accessible language appropriate for EC-12 teachers and leaders.  
• Enrich instructional coaching activities with subject matter specific knowledge |

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<th>Outcome</th>
<th>Choose ethical courses of action in research and practice.</th>
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| Marketable Skills | • Identify what constitutes plagiarism and ways in which to avoid it.  
• Demonstrated competency in defining elements of action research studies.  
• Judge the quality of research using varying criteria for reliability, validity, dependability and trustworthiness. |