<table>
<thead>
<tr>
<th>COMPETENCY #</th>
<th>COMPETENCY NAME</th>
<th>COMPETENCY TEXT</th>
</tr>
</thead>
<tbody>
<tr>
<td>431.1.1</td>
<td>Relational Database Fundamentals</td>
<td>The graduate distinguishes between basic database terms and concepts, their usage, and the types of database languages.</td>
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<tr>
<td>431.1.2</td>
<td>Relational Database Design &amp; Application</td>
<td>The graduate reviews and selects appropriate database designs, and identifies design solutions that address application needs.</td>
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<tr>
<td>431.1.3</td>
<td>Normalization &amp; Database Design</td>
<td>The graduate applies normalization techniques in database design.</td>
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<tr>
<td>431.1.4</td>
<td>Logical Database Design</td>
<td>The graduate follows appropriate database design best practices when creating conceptual, logical, enterprise, and physical database design models.</td>
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<tr>
<td>431.1.5</td>
<td>Structured Query Language (SQL)</td>
<td>The graduate describes appropriate Structured Query Language (SQL) concepts, and applies these concepts in given scenarios.</td>
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<tr>
<td>431.1.6</td>
<td>Relational Algebra &amp; Databases</td>
<td>The graduate uses relational algebra to perform database operations.</td>
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<tr>
<td>431.1.7</td>
<td>Transactions, Currency Control, &amp; Database Security</td>
<td>The graduate recommends appropriate security-related configuration activities on database systems.</td>
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