MSCSIS Learning Goal 3:
Graduates will be able to complete analysis and design of business processes employing the latest information technology techniques, including the unified process model.

(Updated November 2010)

**CSC 550 Content Knowledge Assessment**
**Spring 2010 Update**

<table>
<thead>
<tr>
<th>Questions and Answers</th>
<th>Fall 09 Percentage Correct (N=13)</th>
<th>Spring 10 Percentage Correct (N=6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>In general, academics and professionals read research literature for all but one of the following reasons.</td>
<td>69.23%</td>
<td>67%</td>
</tr>
<tr>
<td>Which of these questions is least important in assessing research articles?</td>
<td>38.46%</td>
<td>17%</td>
</tr>
<tr>
<td>To which scientist is the origin of separation of concerns principle normally attributed?</td>
<td>100.00%</td>
<td>83%</td>
</tr>
<tr>
<td>Which of the following is not a fundamental AOSD concept</td>
<td>92.31%</td>
<td>83%</td>
</tr>
<tr>
<td>A meta-model is</td>
<td>100.00%</td>
<td>100%</td>
</tr>
<tr>
<td>Software testing shows all of the following, except:</td>
<td>46.15%</td>
<td>100%</td>
</tr>
<tr>
<td>It is difficult to find all the bugs in large complex software because:</td>
<td>92.31%</td>
<td>100%</td>
</tr>
<tr>
<td>Validation is</td>
<td>38.46%</td>
<td>50%</td>
</tr>
<tr>
<td>A test oracle is</td>
<td>53.85%</td>
<td>83%</td>
</tr>
<tr>
<td>Identify the concept that is not fundamental to model-driven software development.</td>
<td>30.77%</td>
<td>33%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>66.15%</strong></td>
<td><strong>72%</strong></td>
</tr>
</tbody>
</table>

**Action Taken:**