Assessment Techniques:

Angelo & Cross: *Classroom Assessment Techniques* is a seminal reference for classroom assessment. This book has 50 assessment techniques organized by what skill is being emphasized in the course. The following example is offered to pique your interest and/or employ in the classroom.

Assessing:

**Memory Matrix:**

Experiment: Following the exploration of a topic the instructor hands-out a prepared matrix. The student fills-in the empty cells of the matrix, completion can be done individually, in pairs, small-groups, or with the entire class. This task can be done with notes, from memory or as an assignment. Lots of creative options with this assessment technique!

Preparation: The instructor prepares a matrix with rows/column headings representing categories or variables that reflect the lecture/lab/reading materials. Make 1 completed matrix with the “answers” in the cells, and then produce a matrix for students with the cells blank.

<table>
<thead>
<tr>
<th>SAMPLE</th>
<th>France</th>
<th>United States</th>
<th>Britain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neoclassicism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impressionism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expressionism</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Experiment: Provide the student version of the matrix to be completed in-class, individually/groups (see above), or outside of class. This assessment can be based on memory (as the title suggests) or open notes. This matrix can be duplicated by students or the original returned to students to repair and study.

Analysis: Scan the completed matrices and compare to your key matrix. Then total the number of correct responses to gauge student knowledge or focus on the number of incorrect responses to see what’s missing.

Results: Record the number of each correct or incorrect response into an Excel spreadsheet (or any data management system) these data can be reported in a variety of methods.

Feedback for students: Great for visual learners!

Feedback for instructor: Easy to assess!

Adapted from Angelo & Cross, *Classroom Assessment Techniques* (1993). We have several copies of this book on campus.