

STUDENT NAME: _____

BIOTECHNOLOGY
Performance Skills Evaluation Score Sheet
2009

Performance rating scale:

- | | |
|-------------------------------|---|
| 4 = highly skilled | Successfully demonstrated without supervision |
| 3 = moderately skilled | Successfully demonstrated with limited supervision |
| 2 = limited skill | Demonstrated with close supervision |
| 1 = not skilled | Demonstration requires direct instruction and supervision |

A minimum score of 3 for each of the following performance skills must be achieved to meet state skill certification requirements.

	Date	4	3	2	1
1.2 Research and present biotechnology concepts using effective communication skills.					
2.1 Demonstrate appropriate use of personal protective devices					
2.2 Demonstrate proper aseptic/sterilizing techniques.					
2.4 Demonstrate proper use and handling of micropipettes.					
3.2 Maintain accurate records and documentation according to minimum good documentation practices (GDP).					
4.2 Prepare solutions of defined concentrations and pH.					
6.1 Prepare bacterial growth media.					
6.2 Demonstrate the ability to culture and maintain microorganisms.					
7.1 Perform a restriction digest and analyze the results with gel electrophoresis.					
7.2 Demonstrate the ability to use PCR technology.					
7.3 Demonstrate the ability to use proper separation techniques to differentiate between proteins based on size and structure (chromatography and SDS-PAGE).					
8.1 Perform a bacterial transformation and analyze results.					

 Teacher's Signature

 Date

 Student's Signature

Performance Skills Evaluation Score Sheet must be kept on file by the instructor for one year.