

S E N I O R S E M I N A R / P A I R E D C O U R S E S

Forensic Science Lab Rubric

Areas of Proficiency	Standard	Highly Successful	Meets Standard	Poor Quality	Overall Score For Areas of Proficiency
Purpose and Hypothesis	1. Purpose clearly stated				
	2. Hypothesis is clearly stated with a logical explanation				
Procedure	1. All materials used are clearly stated				
	2. Amounts of materials are clearly stated				
	3. Experimental and control variables are easily identified				
	4. Procedure includes all necessary details needed for replication				
	5. Experimental design includes repeated trials				
	6. Methods for data collection are present and address hypothesis				
Results	1. Data table includes all data				
	2. Data table has straight lines				
	3. Data table is properly labeled, including title and row/column headings				
	4. Data table is properly organized				
	5. Observations are detailed and include correct terminology				
	6. Observations are organized and presented in a logical manner				
	7. Observations are written with complete sentences				
Analysis	1. Explains how data/observations prove/disprove hypothesis (refers to data and observations)				
	2. Includes experimental uncertainty and how it could have influenced results				
	3. Clearly explains how lab technique could be improved				
	4. Provides an explanation of other information needed for future investigation				
	5. Analysis completed in paragraph form with complete sentences				
	6. All answers correctly answered				
	7. Reflection is adequately completed				
Overall Lab Score					LAB PASS?
	Has student met or surpassed the standards put forth for this assignment?				Yes No
			Lab Score	→	

SENIOR SEMINAR/ PAIRED COURSES

Rubric Explanation:

This rubric can be used in a number of ways. Each category can be assigned a particular score or each the same score depending on the assignment. Scoring titles are described as follows:

Highly Successful – Overall work is excellent. Terminology is used appropriately. Organization is obvious. Work is very thorough and thoughtful. This grade would be the 90th percentile.

Meets Standard – Average to Above average work. Assignment requirements are met but with a few small errors. Terminology may be missing in some areas. This grade would span the 70th to 80th percentile.

Poor Quality – Below Average work. Terminology is incorrectly used and/or completely missing. Assignment requirements are not met and/or large errors exist. Work is sloppy, incomplete, incorrect, and/or missing. This grade would represent the below 70th percentile.