

NS2232 – Introduction to Forensic Science
Fiber Lab Report

For this formal lab report you are writing up the lab as though your report will end up in court. Follow the following format for the report exactly.

Title: You need to come up with an accurate title for the report

Introduction/Background Information: Give a brief summary of the crime *in your own words*. Summarize the suspects and what your task was.

Procedure: What did you do? This should be in depth enough so that when it is presented in court, the jury (made up of lay persons who have no experience in fiber examination can follow what steps you took). Explain both the creation of the database of known substances and how you tested the suspect fibers and lastly how you tested the unknown suspect fiber.

Results: In this section you explain how each fiber reacted to each test. Basically you take the charts you filled out and write them out in narrative form.

Conclusion: Who did it? How did you reach that conclusion – explain it here based on your findings.

A couple of formatting things: Remember, I prefer 1.5 spacing, 12 pt font. Label each section. The introduction should be ¼ - 1 page long. The procedure will take you longer to write out as you need to describe each test that you performed. The results section will be long as well. The conclusion doesn't have to be so long, just long enough for you to explain the details of how you figured out WHO DID IT!

NS2232 – Introduction to Forensic Science
Fiber Lab Grading Rubric

Lab Section	Area of Assessment	Qualities of Excellent Work (full credit)	Qualities of Developing Work (partial credit)	Qualities of Incomplete Work (no credit)	Points
Title 5 points	Topic	Clearly and accurately describes the topic of the experiment in one sentence or statement	Description of topic may be missing some important element key to experiment	Lacking or inaccurate	
Introduction 20 points	Background Information & complete summary of the suspects and your task	Provides useful and accurate background information that sets the lab tasks in proper context	Provides some accurate background that sets the lab tasks in context, but lacks some key information	Is lacking or does not describe at all the necessary background for understanding the lab tasks	
Procedure 25 points	Thorough description of all steps taken...what did you do?	Accurately identifies All the steps.	Missing several steps or some steps are unclear	Missing many steps or the overall description is unclear	

Results 35 points	How did each fiber react to each test? What did each look like under the scope?	Clearly and completely describes the results shown in the data, avoids interpretation, contains just the facts	Describes some but not all of the important results from the data, may include some interpretation not appropriate for this section	Is lacking or does not at all describe most important results, perhaps focusing only on interpretation	
Conclusion 15 points	Clearly explain who did the crime based on the test results	Complete analysis of the test results with thorough and appropriate detail.	Lacking some detail.	Lacking great detail	

Overall Grade/Comments: