

MATH 125 Common Graded Assignment Rubric

General Education Goal	Corresponding Assignment Activity	4	3	2	1
Written and Oral Communication Skills	Did the student adequately/sufficiently explain how the standard deviation was calculated in question #2?	The student used three to five sentences with no grammatical, spelling, or mathematical errors. The explanation is very clear and can be easily understood by a reader not knowledgeable in the content area.	The student used three to five sentences with no grammatical, spelling, or mathematical errors that affected the clarity of the explanation. The explanation is easy to follow.	The student used fewer than three or more than five sentences with some grammatical, spelling, or mathematical errors present that affected the clarity of the explanation.	The explanation is unclear.
Critical Analysis and Reasoning	Did the student correctly evaluate information presented in order to come to well-reasoned conclusions in question #3?	All aspects of the question are thoughtfully addressed and conclusions are accurate, well-reasoned, and abundantly supported.	All aspects of the question are thoughtfully addressed and conclusions are accurate but minimally supported.	Some aspects of the question are not addressed or one or more conclusions are incorrect.	All of the conclusions are incorrect.
Technological Competence	Did the student use technology (MS Excel, calculator, etc.) to correctly calculate the mean, median, range, and standard deviation in problem #1?	The student used at least two technology sources to correctly calculate all parts.	The student used at least two technology sources but one error was present in the calculations.	The student used a technology source but one or two errors were present in the calculations.	The student used a technology source but three or more errors were present.
Information Literacy	Did the student use credible sources to find the correct information (names, nationalities, and times) and correctly cite the sources for problem #4?	At least two credible sources were used; both were correctly cited; and the correct information was found.	At least two credible sources were used; both were cited but the citations contained one or two errors; and the correct information was found.	At least one credible source was cited; the citations contained more than two errors; and the correct information was found.	At least one credible source was used; the citations were missing; or incorrect information was found.
Scientific and Quantitative or Logical Reasoning	Did the student use an appropriate statistical tool to analyze the data and correctly solve the problem in question #5?	An appropriate statistical tool was used effectively without any errors. The correct conclusion was drawn and was abundantly supported.	An appropriate statistical tool was used but errors were present. A conclusion, consistent with calculations, was drawn.	An appropriate statistical tool was used but errors were present. A conclusion, inconsistent with calculations, was drawn.	No appropriate statistical tool was used.