QA RUBRIC FOR ECO 231 – APPLIED BUSINESS STATISTICS

PAPER CODE NAME:		ASSESSMENT DATE:		

EVALUATOR:

Key Characteristics	DEVELOPED 3	DEVELOPING 2	UNDERDEVELOPED 1	SCORE
Research Question	The research question is explicitly defined and well described. The reader sees exactly what idea will be investigated.	The research question indicates what will be investigated but lacks focus as to what exactly needs to be accomplished.	The research question is not stated or is too nebulous and ill defined.	
Model Construction & Hypotheses	The model clearly reflects what the student learned from the literature review. The model includes all relevant terms such as interaction and/or higher order terms. An unambiguous, clear analysis of the associations between all of the chosen variables. This analysis reflects understanding gained form the literature review.	The model reflects what the literature review reveals but may not include all relevant terms, such as interaction or higher-order terms. A good explanation of how the independent variables are associated with the dependent variable. A clearly described hypothesis to be tested.	The model does not reflect what the student has learned from the literature review. The model lacks understanding of how prior knowledge can be used in the present study. Weak or inadequate explanations as to why the independent variables chosen are associated with the dependent variable. A vague or unclear hypothesis that needs to be examined.	
Data Collection	Data include appropriate measures and a sample size sufficient to draw robust statistical inferences.	Data generally include appropriate measures and a sample size that is adequate to draw statistical inferences.	Data do not include appropriate measures or a sample size that is adequate to draw statistical inferences.	

Model Estimation & Interpretation of Results	A complete analysis of all model statistics that includes proposals and tests of alternative models. Complete attempts made to perform such analyses as correlations among explanatory variables, serial correlations among the random error terms, detection of violations of model assumptions, residual analysis, and to test for collinearity. Use of the final, suggested model to interpret the value of the dependent variable based upon values of the independent variables. Confidence intervals for the mean value of y or of the individual y for a given x are presented and correctly interpreted. The report includes the recommended model and the rationale for that recommendation.	A good analysis of most model statistics that includes some attempts to propose alternative models. Some attempts made to perform such analyses as correlations among explanatory variables, serial correlations among the random error terms, detection of violations of model assumptions, residual analysis, and to test for collinearity. Use of the final, suggested model to interpret the value of the dependent variable based upon values of the independent variables. Confidence intervals for the mean value of y or of the individual y for a given x are presented but without interpretation. A model recommendation included but the reason for the recommendation is missing.	A minimal analysis of some model statistics but lacks any attempt to propose alternative models. No attempt to perform correlations among explanatory variables, serial correlations among the random error terms, detection of violations of model assumptions, residual analysis, and to test for collinearity. No interpretation of predictions is included in the report. No attempt is made to estimate and interpret the confidence intervals for the mean value of y or of the individual y for a given x. No model recommendation included in the report.	
Writing	Paper is clear, organized, and fully developed. Exhibits excellent control of language and adheres to the conventions of standard written English. Facts are clearly presented in support of claims.	Paper shows general adherence to correct grammar and proper organization. Exhibits acceptable control of language and facts presented generally support claims.	Paper written in an unorganized manner with poor grammar. Control of language is generally not present. Facts are not clearly presented or do not support claims.	
COMMENTS TO HELP IMPROVE ASSESSMENT (E.G. RUBRIC/ASSIGNMENT):				