

MS Project Assessment of [Student Name] by Prof. [Name]

MS Project Title: [Title]

The MS in Applied and Computational Mathematics has the following learning goals.

1. Comprehension of the principles and theories of applied mathematics and statistics.
2. Skill in the construction and analysis of mathematical models.
3. Skill in the analysis and development of efficient computational mathematical algorithms
4. Ability to apply the first three items in industrial and scientific settings.

In order to assess each student's attainment of these goals, the faculty member serving as project advisor will complete the rubric below, indicating mastery level in goals 1-3 listed above. Possible scores for each item are:

0 = not covered, 1 = below average, 2 = acceptable, 3 = mastery

It is not expected that a project cover all of the listed goals and objectives. Please use a ranking of 0 to indicate an objective was not addressed in the project.

Program Goal	Objective	Ranking (scored from 0-3)
1. Comprehension of the principles and theories of applied mathematics and statistics.	Representation. The project uses appropriate and correct mathematical or statistical principles to address the problem.	
	Analysis. The project addresses why the chosen principles or theories are relevant for the given problem.	
2. Skill in the construction and analysis of mathematical models.	Representation. The project formulates an appropriate mathematical or statistical model, based on physical information or scientific principles.	
	Computation. The project applies proper techniques to compute the solution to the mathematical or statistical model.	
	Analysis. The project articulates advantages and limitations of the mathematical or statistical model. The project correctly interprets the solution.	
3. Skill in the analysis and development of efficient computational mathematical algorithms.	Representation. The project formulates an appropriate mathematical algorithm.	
	Computation. The project uses proper coding techniques to compute the solution.	
	Analysis. The project articulates advantages and limitations of the algorithm. The project correctly interprets the solution, addressing the level of accuracy or precision.	