College of Science

SLO 1 RVF Rubric – Readability, Validity, Fluency

	Missing (0)	Emerging (1)	Developing (2)	Mastering (3)

D. Summary of Assessment Results

Courses Assessed

Math 6151, 6200, 6349 and 6842

SLO's Assessed

SLO 1: Apply the fundamental definitions and theorems of pure mathematics

SLO 2: Apply the fundamental definitions and theorems of applied mathematics

D = developed in this course

M = mastered in this course

Math 6151 Graph Theory, SLO 2/D (6 students)

!!   " #$$#%&! ' ( )*&#%&! +),,)-. /#%&! " 0$1)*#%&!

write a fluent proof.

Math 6349 Theory of Functions of a Real Variable, SLO 1/M (13 Students)

!!	" #$$#%&!	' ( )*&#%&!	+),,)-. /#%&!	" 0$1)*#%&!
2)0304##15!	67!	=7!	AC7!	:87!
<0-#3#15!	67!	:87!	AC7!	=7!
>-?)%@5!	67!	8;7!	;B7!	:87!

These scores indicate 93% of the students have developed or mastered writing a readable proof using the fundamental definitions and theorems of pure mathematics, 80% have developed or mastered writing a valid

c) we will continue to refine the rubrics for greater ease of use and applicability.

d) we will consider sharing the rubrics with math graduate students to further emphasize the importance of each dimension of successful student work.