College of Science

SLO 1 RVF Rubric – Readability, Validity, Fluency

| Missing (0) Emerging (1) Developing (2) M |
|---|
|---|

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.

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

| Main 0347 Theory of Functions of a Real Variable, SLO 1/14 (13 Students | Math | 6349 | Theory | of Fur | ictions (| of a 1 | Real V | Variable, | SLO |) 1/M | (13 | Students |
|---|------|------|--------|--------|-----------|--------|--------|-----------|------------|-------|-----|----------|
|---|------|------|--------|--------|-----------|--------|--------|-----------|------------|-------|-----|----------|

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.