MAT 470 Module Two Problem Set Rubric

Course: MAT-470-12590-M01 Real Analysis 2025 C-1 (Jan - Mar)

Criteria	Exemplary	Proficient	Needs Improvement	Not Evident	Criterion Score
Problem 1: Limit From Definition	16.65 points Applies appropriate problem-solving techniques and is accurate in the explanation process	14.15 points Applies appropriate problem-solving techniques, but with minor errors or omissions in process or explanation	9.16 points Shows progress, but with major errors or omissions in applying appropriate problem-solving techniques	0 points Did not attempt	/ 16.65
Problem 2: Algebraic Limit Theorem	16.65 points Applies appropriate problem-solving techniques and is accurate in the explanation process	14.15 points Applies appropriate problem-solving techniques, but with minor errors or omissions in process or explanation	9.16 points Shows progress, but with major errors or omissions in applying appropriate problem-solving techniques	0 points Did not attempt	/ 16.65

Criteria	Exemplary	Proficient	Needs Improvement	Not Evident	Criterion Score
Problem 3: Order Limit Theorem	16.65 points Applies appropriate problem-solving techniques and is accurate in the explanation process	14.15 points Applies appropriate problem-solving techniques, but with minor errors or omissions in process or explanation	9.16 points Shows progress, but with major errors or omissions in applying appropriate problem-solving techniques	0 points Did not attempt	/ 16.65
Problem 4: Monotone Convergence Theorem (1)	16.65 points Applies appropriate problem-solving techniques and is accurate in the explanation process	14.15 points Applies appropriate problem-solving techniques, but with minor errors or omissions in process or explanation	9.16 points Shows progress, but with major errors or omissions in applying appropriate problem-solving techniques	0 points Did not attempt	/ 16.65
Problem 5: Monotone Convergence Theorem (2)	16.65 points Applies appropriate problem-solving techniques and is accurate in the explanation process	14.15 points Applies appropriate problem-solving techniques, but with minor errors or omissions in process or explanation	9.16 points Shows progress, but with major errors or omissions in applying appropriate problem-solving techniques	0 points Did not attempt	/ 16.65

Criteria	Exemplary	Proficient	Needs Improvement	Not Evident	Criterion Score
Problem 6: Cauchy Criterion	16.75 points Applies appropriate problem-solving techniques and is accurate in the explanation process	14.23 points Applies appropriate problem-solving techniques, but with minor errors or omissions in process or explanation	9.22 points Shows progress, but with major errors or omissions in applying appropriate problem-solving techniques	0 points Did not attempt	/ 16.75

Total	/ 100

Overall Score

Exemplary	Proficient	Needs Improvement	Not Evident
86 points minimum Instructors should not modify this row (it will automate from the scores above). This score represents the average evaluation across all rubric criteria.	56 points minimum Instructors should not modify this row (it will automate from the scores above). This score represents the average evaluation across all rubric criteria.	1 point minimum Instructors should not modify this row (it will automate from the scores above). This score represents the average evaluation across all rubric criteria.	0 points minimum Instructors should not modify this row (it will automate from the scores above). This score represents the average evaluation across all rubric criteria.