Rubric for ME 456 Essay (100 pts total)

By Dr. Beiwen Li

Format requirement: 12 pts maximum with 1.5 line spacing, 5-page minimum

Abstract (10 pts)

Made a concise and clear summary of what is covered in the essay – 10 pts

Summary is concise and the central idea is clear, but slightly not well organized– 8 pts

Central idea is understandable, but not well organized – 6 pts

Topic is slightly unclear – 4 pts

Topic is unclear and writing is not well organized, difficult to understand – 2 pts

Theoretical foundations (30 pts)

Included all major relevant theoretical knowledge, principles are well explained – 25~30 pts

One or two major theories are not explained, the rest are well explained and organized – 20~25 pts

A large portion of major theoretical background is missing, but the rest is still understandable – 15~20 pts

Only included some minor relevant theories, not well structured – 10~15 pts

Nothing insightful included, difficult to understand – 5~10 pts

Review of Literature (30 pts)

Made a thorough review of existing technologies, most classical literatures are included, advantages and disadvantages are well discussed – 25~30 pts

A few major literatures are missing, but the review is insightful – 20~25 pts

A large portion of literatures are missing, but the review still provides insight about the included literatures – 15~20 pts

Only some minor works were discussed – 10~ 15 pts

Nothing insightful included, difficult to understand – 5~10 pts

Discussions (20 pts)

Hade an insightful discussion about what is the current knowledge gap and ideas for future work (15~20 pts)

Knowledge gap identified, but not sure what to do in the future (10~15 pts)

Knowledge gap not clear, but had a good discussion about future (5~10 pts)

Nothing insightful included, difficult to understand (0~5 pts)

References (10 pts)

All cited literatures are consistently formatted (10 pts)

Some inconsistencies included in the format (5~9 pts)

The formatting is messy (0~4 pts)