

Document Similarity Analysis Report

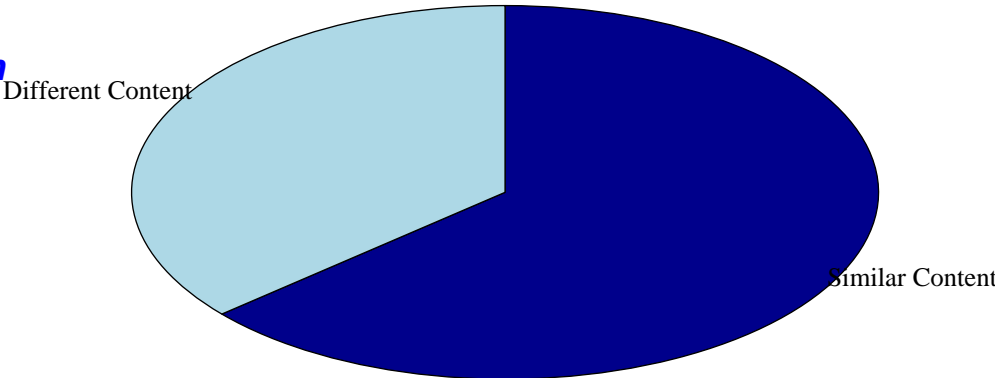
Generated on 2025-03-23 00:09:45

Executive Summary

Overall Similarity Score: 63.7%

Interpretation: The documents are highly similar, with substantial shared content.

Similarity Visualization



Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L2_4433.docx	EE5351_L3_4433.docx
Word Count	366	504

Similar Content Analysis

All similar phrases found (12 total):

Match 1/12 (100.0% similarity)

Document 1: Voltage equation: 2.

Document 2: Voltage equation: 2.

Match 2/12 (100.0% similarity)

Document 1: Back EMF equation: 3.

Document 2: Back EMF equation: 3.

Match 3/12 (100.0% similarity)

Document 1: Torque equation: 4.

Document 2: Torque equation: 4.

Match 4/12 (98.59% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 02 NAME : BANDARA LRTD REG No.

Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 03 NAME : BANDARA LRTD REG No.

Match 5/12 (71.79% similarity)

Document 1: Voltage equation: 2.

Document 2: Torque equation: 4.

Match 6/12 (71.79% similarity)

Document 1: Torque equation: 4.

Document 2: Voltage equation: 2.

Match 7/12 (66.63% similarity)

Document 1: : EG/ 2021/ 4433 GROUP NO: CE07 DATE : 24/01 /2025 Table 1: Summative Laboratory Form Semester 05 Mo...

Document 2: : EG/ 2021/ 4433 GROUP NO: CE07 DATE : 24/01 /2025 Table 1: Summative Laboratory Form Semester 05 Mo...

Match 8/12 (63.41% similarity)

Document 1: Voltage equation: 2.

Document 2: Back EMF equation: 3.

Match 9/12 (63.41% similarity)

Document 1: Back EMF equation: 3.

Document 2: Voltage equation: 2.

Match 10/12 (60.12% similarity)

Document 1: Motor torque relationship: Transfer function By using equations (1), (2), (3), and (4): Due to the n...

Document 2: Motor torque relationship: By using equations (1), (2), (3), and (4): Due to the negligible rotor in...

Similar Content Analysis (continued)

Match 11/12 (60.0% similarity)

- Document 1: Back EMF equation: 3.
- Document 2: Torque equation: 4.

Match 12/12 (60.0% similarity)

- Document 1: Torque equation: 4.
 - Document 2: Back EMF equation: 3.
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Report Details

Analysis Method: This report uses TF-IDF (Term Frequency-Inverse Document Frequency) vectorization and cosine similarity metrics to analyze document similarity. Additionally, sentence-level comparison is performed using sequence matching algorithms.

Interpretation Guide:

- 0-20%: Very low similarity
- 21-40%: Low similarity
- 41-60%: Moderate similarity
- 61-80%: High similarity
- 81-100%: Very high similarity

Disclaimer: This automated similarity analysis provides an approximation of content similarity. The results should be interpreted by a human reviewer for context-appropriate assessment.