

# Document Similarity Analysis Report

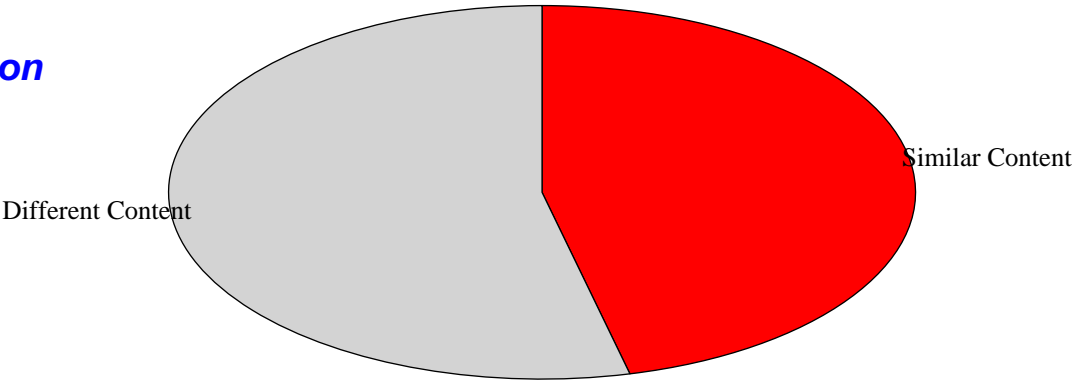
Generated on 2025-03-23 00:10:11

## Executive Summary

Overall Similarity Score: 46.22%

Interpretation: The documents have moderate similarity, with significant shared content.

## Similarity Visualization



## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L2_4433_igu7oDu.docx	EE5351_L1_4433_EgKX3g9.docx
Word Count	366	598

## Similar Content Analysis

All similar phrases found (11 total):

### Match 1/11 (100.0% similarity)

Document 1: Voltage equation: 2.

Document 2: Voltage equation: 2.

### Match 2/11 (100.0% similarity)

Document 1: Back EMF equation: 3.

Document 2: Back EMF equation: 3.

### Match 3/11 (100.0% similarity)

Document 1: Torque equation: 4.

Document 2: Torque equation: 4.

**Match 4/11 (98.59% similarity)**

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

**Document 2:** EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA LRTD REG No.

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**Match 5/11 (71.79% similarity)**

**Document 1:** Voltage equation: 2.

**Document 2:** Torque equation: 4.

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**Match 6/11 (71.79% similarity)**

**Document 1:** Torque equation: 4.

**Document 2:** Voltage equation: 2.

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**Match 7/11 (63.41% similarity)**

**Document 1:** Voltage equation: 2.

**Document 2:** Back EMF equation: 3.

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**Match 8/11 (63.41% similarity)**

**Document 1:** Back EMF equation: 3.

**Document 2:** Voltage equation: 2.

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**Match 9/11 (60.9% 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...

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**Match 10/11 (60.0% similarity)**

**Document 1:** Back EMF equation: 3.

**Document 2:** Torque equation: 4.

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## Similar Content Analysis (continued)

Match 11/11 (60.0% similarity)

Document 1: Torque equation: 4.

Document 2: Back EMF equation: 3.

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## Report Details

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**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

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