

# Year 4 IGS Course Overview

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## 1 Introduction

This article provides an overview of the Year 4 Semester 1 curriculum, with a focus on the capstone project and related courses at Dedan Kimathi University of Technology. The primary focus of the semester is to enhance critical thinking and communication skills. A number of prerequisites are required to enroll in this semester's courses.

## 2 Prerequisites

To successfully engage in the coursework, students are required to have completed the following courses:

- IGS 1101: Critical Thinking
- IGS 1102: Communication Skills (An Introduction to General Studies and African Civilization)
- IGS 2101: Communication Skills (Understanding Africa's Mathematics and Film)
- IGS 2202: Communication Skills (African Technology and Literature)
- IGS 3101: Communication Skills (Traditional African Health and Environmental Concerns)
- IGS 3202: Communication Skills (The Arts of Africa)

These courses establish a foundation in critical thinking and communication across multiple contexts, particularly emphasizing African history, culture, and technological advancements.

### 3 Capstone Project

In Year 4 Semester 1, students are required to complete the Capstone Project as part of *IGS 4101: Critical Thinking and Communication Skills*. The Capstone Project is a multifaceted assignment that requires the following deliverables:

1. An up-to-date resume in Kiswahili, English, and one indigenous African language.
2. An autobiographical essay between 20 and 30 pages.
3. A PowerPoint/Prezi/keystone presentation of the autobiographical essay.
4. A 20-minute video presentation (with an abstract in Kiswahili, English, and one indigenous African language) on any invention or innovation in the student's field of study.
5. A PowerPoint/Prezi/keystone presentation on any invention or innovation in the student's field of study.
6. A 20-minute video presentation (with an abstract in Kiswahili, English, and one indigenous African language) on an aspect of African culture, demonstrating its importance, including a discussion on gender awareness in African society.
7. A PowerPoint/Prezi/keystone presentation on an aspect of African culture relevant to the student's area of specialization.
8. A 20-minute video presentation (with an abstract in Kiswahili, English, and one indigenous African language) on challenges facing modern society and proposed solutions.
9. A photographic essay on an important issue in the African community.
10. Evidence of maintaining at least five professional online platforms such as a blog, vlog, Facebook, Twitter, Instagram, WhatsApp, or LinkedIn account.

The Capstone Project encourages students to develop professional portfolios that demonstrate their communication and critical thinking skills. Students must produce multimedia artifacts that engage with African culture, technology, and modern societal challenges.

### 4 Conclusion

Year 4 offers a comprehensive curriculum aimed at preparing students for professional challenges by developing their critical thinking, communication skills, and cultural awareness. The Capstone Project serves as an integrative exercise that reflects the student's

understanding and ability to communicate complex ideas in both written and multimedia formats.

## References

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