



SURVEY 3

COURSE OUTLINE
TERM 2 2023

LECTURES-GATHIGIRA STEPHEN



TACHEOMETRY

SUB CONTENTS

1. Introduction
2. Necessity of tacheometric surveying
3. Method of tacheometry
4. Instrument for stadia method
5. Principles of stadia method
6. Determination of stadia constants
7. Field work in stadia tacheometry
8. Errors and precision in stadia tacheometry

TACHEOMETRY

- **Earthworks subtopics**
 - terminologies
 - Areas
 - Volumes
 - Principles of earthworks
 - Mass haul diagrams
 - Irregular areas and volumes

EARTHWORKS



YouTube

▣ www.youtube.com/@IwordsShotsEmpire

Knec solved calculations