



**School of Computing and Information Technologies**  
**Department of Computer Science and Informatics**

**ECII 3207**

**Compiler Design and Construction**

# Way Forward – 7<sup>th</sup> September 2022

**The lecturer communicates as follows:**

1. We have completed the course outline coverage, save for the reading assignment on Parsing techniques that all students are encouraged to read. See the earlier shared notes in a pdf file.
2. The Lecturer will summarize the topics from the notes and/or update the eLearning course page on the university Moodle platform accessible via <https://elearning.tukenya.ac.ke/> . You can also expect some revision questions
3. We have a sit-in CAT on Thursday 15<sup>th</sup> September from 11:00 AM to 12:00 Noon in D11.
4. As demonstrated in our last class, each group of students should work on the Language definition and implementation/design of a compiler for a language of their choice. It's not expected that a group will develop a whole suite of compiler routines that processes all stages of compilation. What is expected is that the students will in each group within fifteen (15) minutes be able to present the language syntax rules, some preliminary implementation and make any demonstration thereof.

**Specific expectations from this project are:**

- a) A language specification document in an editable format (preferably word) – send to the email address below
- b) Design artifacts – flow charts or any other design diagrams. This can be part of the specification document
- c) Implementation of some aspects- send the code to the email address below. You can use any language of your choice.
- d) Demonstration/presentation of the work done by a group on Wednesday 14<sup>th</sup> September 2022 (the mode is expected to be online via a definitely selected timeslot in the calendar shared.

In case of questions or clarification, please contact me via: [Salesio.kiura@tukenya.ac.ke](mailto:Salesio.kiura@tukenya.ac.ke)