



1st ONLINE TEACHING
ENHANCEMENT AND LEARNING
INNOVATION CARNIVAL (eTeLIC)
BOOK SERIES

EMBRACING NEW NORMS
WITH ASYNCHRONOUS
ONLINE LEARNING





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Editors:

WAN AB AZIZ WAN DAUD
MOHAMAD NAJMI MASRI
AHMAD ZAKI AMIRUDDIN

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Chapter 8: Transforming ‘Chalk and Talk’ Teaching and Learning for an Undergraduate Mathematics Course during COVID-19 Outbreak

Subject Area

Undergraduate mathematics course for Faculty of Computer Science and Information Technology students, course code: TMF1874 Mathematics for Computing

Researchers

Sarah Samson Juan*, Hamimah Ujir, Wei King Tiong, Nuha Loling Othman, Shapi-ee Abdul Rahman and Phang Piau

Faculty of Computer Science and Information Technology,
Universiti Malaysia Sarawak

*sjsflora@unimas.my

Issues

‘Chalk and talk’ is commonly used as one of the methods to teach mathematics courses due to its simple strategy of demonstrating and solving mathematics problem on the whiteboard in front of the whole class. In UNIMAS, the Faculty of Computer Science and Information Technology lecturers have been using this method as a medium to teach first year undergraduate students undertaking TMF1874 Mathematics for Computing. However, when the COVID-19 pandemic situation escalated in March 2020, the method had to be changed to fit student’s needs for online learning. University students were sent back home after Malaysian government announced the movement control order (MCO) in a bid to fight the virus (Hassan, 2020). At that time, there were 300 undergraduate students taking the course and they had already gone through half of the