

## New Study Plan of Mechanical Engineering Program Based on Tri-Semesters System



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## Abstract

The development of curricula and study plans of the Mechanical Engineering Program achieves the goal of education in improving its outputs, which will reflect positively on the early preparation of students for the job market. In this seminar, students will get a clear vision of the new study plan of Mechanical Engineering Program based on tri-semester system in the mechanical engineering department. Increasing and diversifying the courses in the new study plan. Developing the content and method of teaching to help students gain more knowledge and acquire skills.

## Biography

Dr. Umar is an Assistant Professor in the Department of Mechanical Engineering at Prince Sattam bin Abdulaziz University (PSAU), Alkharj, Saudi Arabia. His research interests are in the field of desalination and renewable energy. He has published his work in research publications including Desalination, Journal of Energy Storage, and Renewable Energy.

He received his Ph.D. in mechanical engineering in 2020 from Lehigh University, and his M.Sc. degree from University of Dayton in 2015. In 2010, he obtained his B.Sc. degree from Qassim University in the same field.

Dr. Umar joined the department as a lecturer in 2016. In 2020, he has been nominated as Assistant Professor. He become the Chairman of the department in 2021.